\[ \sqrt{\text{obs}^4} \]

\[ \text{mathematics} \]

TUESDAY 20 NOVEMBER

EXHIBITORS FROM 16:00-18:00

MATHEMATICAL INSTITUTE, OXFORD
Jobs for Mathematicians Fair

We are delighted to welcome you to Jobs for Mathematicians - a boutique fair - which offers you the opportunity to:

- Find out about careers using maths;
- Meet employers who are recruiting for roles using maths;
- Compare different organisations and sectors;
- Ask questions to help your decision making.

Top tips

Use this booklet to plan your Fair tactics:

- Check who is attending and read their booklet entry before you speak to them.
- Plan some questions to ask: e.g. what are the pros and cons of their work? Or, what tips can they give you to increase your chances of being selected for work experience or employment?
- Be keen and attentive – first impressions count!
- Talk to as many people as you can.
- Remember to record who you spoke to and key points of your conversations.

Information for disabled students

If you need any assistance accessing the fair, let us know at the fair, or contact us beforehand on 01865 274646 or reception@careers.ox.ac.uk.
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<th>EMPLOYER</th>
<th>Offer internships</th>
<th>Open to offering internships to postdoc researchers or PhD students</th>
<th>Interested in recruiting Postdoc researchers with work experience</th>
<th>Interested in recruiting recent PhD graduates</th>
<th>Entry route: Graduate Training Scheme</th>
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Alumni and Researchers @ Jobs for Mathematicians
Pre-fair talk: 15:00 – 16:00

It isn’t only the financial and academic or teaching world that is hungry for employees with advanced mathematics skills. Increasingly, commercial, government and not-for-profit sector players of all kinds are keen to employ highly numerate, analytical and creative thinkers to understand and predict trends, plan and develop strategy and deliver smarter and more efficient solutions. This session focuses on how to present your skills and experience to employers at the fair and beyond.

Modelling & Analysis in Business
L5, 15:15 - 16:00

Data and Data Analytics is one of the most competitive areas for graduate recruiters to secure talent as an ever increasing number of companies look to gain advantage from the data revolution. It is as much about asking the right questions of the data as it is doing the analysis, and this talk offers a fantastic opportunity to understand the range of opportunities and potential ways to make yourself stand out, whether you are an undergraduate or researchers, and irrespective of your academic background.

Join our panel of representatives from companies attending the fair as they talk about their roles, what they enjoy most about their work, how they got started and the current challenges facing them and their teams.

Careers in Research for Mathematicians
18:00 - 18:45

This informal panel session is an opportunity for anyone considering a post-graduate research degree to hear current researchers and academics discussing many aspects of their careers in research and what you might look forward to. As well as examining the experience of D.Phils and early career researchers, there will be insights about the application process, and life and options beyond academia in the public and commercial sectors. There will be time for questions as well.

You do not need to book a place at these events, but please bear in mind that spaces will be allocated on a first-come, first served basis and popular events may fill early so arrive in good time.

APR provides high-quality technical, data-driven and modelling solutions to clients mainly in the financial sector. These solutions take the form of short-term actuarial support to supplement client teams, across a wide range of different projects; and consulting solutions, using our expertise to address a variety of client needs in areas like data analysis, modelling and technical training services.

► LOCATIONS: England - London, Scotland
► VACANCIES: Graduate Actuarial Associate (4–6 vacancies).
► INTERNSHIPS: Although we do not operate a full internship programme, we do offer our Mini Actuarial Academy, an intensive week introducing interns to some key actuarial concepts, giving a flavour of different types of actuarial work and providing exposure to some hands-on models and exercises.
► RECRUITMENT CRITERIA: We accept applications from both undergraduates and postgraduates. Our minimum academic requirements are:
  • 2:1 in any degree subject.
  • A grades in GCSE English Language and A Level Mathematics.
  • 340 UCAS points from your top three A level results.
► TRAINING: Our business relies on the quality and skills of our people, so we provide some of the best training available in the actuarial sector. Graduates start off with an intensive period of initial training and tuition, covering the technical and wider skills commonly required by our clients. The primary aim of all the training we deliver is to allow you to start making an active contribution to our clients’ requirements from day one. This training and support will continue while you are working at a client’s site and throughout your APR career.

A priority for both APR and our graduates is that you qualify as actuaries as quickly as possible, and to facilitate this we provide you with a comprehensive package of study support - the exam pass rate of our actuarial associates is much higher than the national average.

► APPLICATION PROCESS: Application is via CV and covering letter, either by e-mail or via the graduate pages on our website. Selected candidates are invited to complete our online test and, if successful, a telephone interview. The final stage is an assessment centre consisting of a face-to-face interview, a presentation and a written test.
► CONTACT FOR APPLICATIONS: Tim Nash
► EMAIL: grad.recruitment@aprllp.com
► PHONE: 01235 821 160

aprllp.com
ATASS Sports is a statistical research consultancy providing world-leading modelling and forecasting services to the sports industry. We are research led, seeking to find solutions rather than fitting data to a commercially driven outcome. We value our team, providing excellent staff facilities, organising events and activities socially and charitably, and encourage a relaxed and collaborative working environment. We're looking for the brightest statisticians, mathematicians, and programmers who have a passion for problem solving and sports.

**LOCATIONS:** England – South West

**VACANCIES:**
- Graduate Statistician
- Research Statistician

We will also be holding a 2-day R Training Workshop in June 2019.

**INTERNSHIPS:** We do not have any internship opportunities, however our 2-day R training workshop in June is open to undergraduate and PhD students.

**RECRUITMENT CRITERIA:** Graduate Statistician:
Undergraduate degree in Mathematics, Statistics or Physics, at 2:1 or above.

Research Statistician:
Undergraduate degree in a numerate subject with an interest in statistics and a PhD with a high level of statistics.

R Training Workshop: Undergraduate degree in Mathematics, Statistics or Computer Science, and/or will be studying for a PhD or pursuing post-doctoral research in one of these areas.

**TRAINING:** We have a complete individual induction process which guides you through the skills and tools you need to use R to effectively create statistical models. After about 1 month of training you will start working on live projects, adding value to the company very quickly.

**APPLICATION PROCESS:** You can apply for any of the roles through the careers page on our website (www.atass-sports.co.uk).

We have a three stage recruitment process:-
1. Online Assessments
2. 1st Stage Office Interview
3. 2nd Stage Office Interview

**CONTACT FOR APPLICATIONS:** Recruitment Team
**EMAIL:** recruitment@atass-sports.co.uk
**PHONE:** 01392 440 431

www.atass-sports.co.uk

Barclays is a transatlantic consumer, corporate and investment bank offering products and services across personal, corporate and investment banking, credit cards and wealth management, with a strong presence in our two home markets of the UK and the US.

**LOCATIONS:** England – London, East Midland, West Midlands, North West; Scotland; Europe

**VACANCIES:** We have a range of Graduate, Internship and Spring opportunities for those seeking careers in the following: Business Banking, Consumer Banking and Cards, Corporate Banking, Functions, Investment Banking, Markets (Sales, Trading and Research), Technology and Wealth (Private Banking and Wealth and Investments).

**INTERNSHIPS AND WORK EXPERIENCE:** We have a range of Internship opportunities for those seeking careers in the following: Business Banking, Consumer Banking and Cards, Corporate Banking, Functions, Investment Banking, Markets (Sales, Trading and Research), Technology and Wealth (Private Banking and Wealth and Investments).

**RECRUITMENT CRITERIA:** Barclays offers a wealth of opportunities for students from all degree disciplines.

**TRAINING:** Those joining can expect immediate responsibility. Collective challenges and inspiring collaborations will expand their minds, while ongoing training will turn fledgling ideas into groundbreaking concepts, providing the expertise that drives the bank and profession as a whole.

**APPLICATION PROCESS:**
1. Register your interest
2. Business Insight – Stage 1
3. Business Insight – Stage 2
4. Barclays Business Meeting
5. Offer or feedback

Joinus.barclays
Citi offers full-time, placement and internship opportunities across a number of its business areas including Investment Banking, Corporate Banking, Capital Markets Origination, Markets and Securities Services including Quantitative Analysis, Treasury and Trade Solutions (TTS), Private Bank, Operations and Technology. Citi also offers a week Spring Insight Programme enabling first year undergraduates (or 2nd year of a four year course) the opportunity to experience first-hand the Citi culture and environment.

We will give you access to valuable intelligence, decades of experience, and a wealth of perspectives on the future of the financial industry. So whether you will be advising on million-dollar mergers, scrutinizing banking practices, or opening a child’s very first account, you can make an impact and help make the right decisions at the right time. And it’s these decisions that help us all make progress – for our clients, for every employee, and for the business.

**TRAINING:**

For internships and graduate roles you will be required to submit a CV and Cover Letter online. You will receive an email confirming the submission of your application. Your application will then be screened against our entry criteria. If you meet these criteria and the role is still available, you will be invited to take an online test. The time taken from application submission to online testing is variable. Candidates that pass the online test will enter a second screening phase and shortlisted candidates will be invited to interviews. The final stage of the recruitment process involves an assessment centre.

**EMAIL:** campus.queries@citibank.com

www.oncampus.citi.com

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D-fine is a specialist consultancy working predominantly in the financial services sector with focus on quantitative analytics and modelling, risk and financial management as well as selection, design, implementation and testing of IT systems. Our clients include banks, insurance companies, asset managers, hedge funds, and large corporates. We carry out projects in a variety of areas including trading, risk management, new regulation impact analysis and performance improvement.

At d-fine you will be working in a fast-paced environment as part of a team of highly skilled, scientifically minded and intelligent consultants who are focused on delivering valuable and insightful solutions to our clients. You will start your career by building strong technical knowledge and continue by further developing your project and people management skills.

You will be part of a team of highly skilled, scientifically minded, very intelligent and driven consultants applying their knowledge and skill to deliver the best solution to our clients. As you gain experience and build your knowledge you will be promoted to Senior Consultant, where you will take on more responsibilities and develop towards a project manager. Project sizes vary from small, with two or three consultants working closely with our clients’ specialist teams to solve specific problems within a limited timeframe, to major projects where ten to twenty consultants spend between nine and eighteen months establishing complex infrastructures for global clients.

**APPLICATION PROCESS:** To apply you need to go to jobs.d-fine.com/en/jobs and follow the links. Note that for the application you need to upload your CV and a cover letter clearly stating the reasons why you would like to work for d-fine Ltd.

**EMAIL:** careers@d-fine.com

**PHONE:** 020 7776 1000

www.d-fine.co.uk
Emerson Exploration and Production Software

We are part of the Emerson group of companies. We produce software for the oil and gas exploration and production industry. Our software is used worldwide to calculate and analyse flows of fluid underground and through the wells, and to assess the risk when developing an oil or gas field.

We are a small team of approximately 20. Everybody has a technical background with a large proportion of PhDs.

- **LOCATIONS:** England - Oxfordshire
- **VACANCIES:** Software engineers and summer interns. A strong background in maths, science, engineering or computer science is needed.
- **INTERNSHIPS:** We typically take three summer interns each year lasting 8–12 weeks.
- **RECRUITMENT CRITERIA:** Some level of programming experience is required.

**APPLICATION PROCESS:** Email CV and covering letter.
**CONTACT FOR APPLICATIONS:** Debi Clemo
**EMAIL:** Oxford.Administrator@Emerson.com
**PHONE:** 01865 712 828

Ensoft Ltd

Ensoft develops software that connects the world. The Internet depends every single day on the code we write. It’s challenging work that matters. It’s also fun - excelling at writing complex software is what we enjoy.

We’ve grown by taking a few of the best Oxbridge graduates each year, who have then built careers with us by learning from our world class development organisation. It’s an ideal environment for bright, creative people with an interest in software. Ensoft is a very successful business and all employees share in this.

We also offer an excellent work environment with flexible hours and distractions like table football, pool and table tennis. Our very active social scene ranges from weekly breakfast and cinema trips, to fell walking and weekends in places like Stockholm and Valencia.

- **LOCATIONS:** England – South East
- **VACANCIES:** About 4–6 graduate software engineers; we will always consider exceptional candidates. £40,000 graduate starting salary rises in line with performance, plus discretionary bonus, profit share, pension and other benefits.
- **INTERNSHIPS:** We take up to two summer internships, £25,000 pro rata. Plus micro-interns.
- **RECRUITMENT CRITERIA:** Any numerate discipline. The complex problems we undertake each day require a similar combination of logic and creativity that many Oxford mathematicians develop during their time at University.
- **TRAINING:** Computer science knowledge and coding experience are obviously very valuable and give a head start on an Ensoft career path. They aren't essential though, as long as you can show us that you are passionate about a career in software, and have the right aptitude. (Interns/Micro-interns do need some coding experience though.)

Our extensive induction course covers the industry, networking protocols, software development practices and design/programming skills. This is tailored to each individual’s needs and expertise. Thereafter, there is an ongoing mentor scheme and a two-year ‘certification’ syllabus to ensure comprehensive training. Everyone is encouraged to take responsibility early on and get involved with all aspects of our work developing into senior design or project leader roles.

**APPLICATION PROCESS:** To apply, upload your CV via www.ensoft.co.uk/careers/applying by midnight on Wed 21st Nov 2018 (7th week). Reminders via Twitter (@ensoftuk) or Facebook (ensoftuk).
**CONTACT FOR APPLICATIONS:** Lynn Wilton
**EMAIL:** recruitment@ensoft.co.uk
**PHONE:** 07940 519 314

www.ensoft.co.uk
First Actuarial helps clients and pension scheme members get the best out of pensions. We listen carefully to what clients want to achieve and help them to do this – sometimes by challenging conventional thinking. We recruit, develop and retain the talented people needed to give our clients outstanding support.

Why choose First Actuarial?
First Actuarial is a growing pensions consultancy, located in five offices around the UK: Basingstoke, Peterborough, Leeds, Manchester and Tonbridge.

At First Actuarial, we believe in giving straightforward advice. We are a partnership with no external investors. All our partners work in the business, striving to achieve our vision. Our independence and hands-on approach enables us to adopt a proactive ethos where we put clients’ needs first.

📍 LOCATIONS: Nationwide
📍 VACANCIES: Graduate: 8–10 roles
📍 INTERNSHIPS: We offer 10–15 summer internships across our five locations. The program runs for 8 weeks over July–August and aims to give you a genuine understanding of what it’s like to work at First Actuarial. You’ll be involved in the day-to-day work of our actuarial students, with full support of the actuarial team.

Placements are on offer to students in their penultimate year.

Applications for summer 2019 will be open 1 November – 31 December 2018.

📍 RECRUITMENT CRITERIA:
- We are looking for graduates with high academic achievements. Applications from those with strong results in maths, statistics, economics or similar we welcome. We also encourage applicants from other disciplines provided they have a good A-Level (or equivalent) in maths.
- In addition, we expect you to:
  - Be able to accept responsibility at an early stage in your career.
  - Be personally motivated.
  - Have strong communication skills.
  - Have an ability to tackle and solve problems.

📍 TRAINING: We offer full study support through the actuarial exams, as well as an ongoing training program to develop your understanding as you progress through the early stages of your career.

📍 APPLICATION PROCESS: Applications for September 2019 are open until 30 November 2018.

See our website for more details. If successful you will be invited for interview in December/January.

📍 EMAIL: graduates@firstactuarial.co.uk

www.firstactuarial.co.uk

With a 50-year history rooted in the financial services industry, FIS™ is the world’s largest global provider dedicated to financial technology solutions. We champion clients from banking to capital markets, retail to corporate and everything touched by financial services. Headquartered in Jacksonville, Florida, our 53,000 worldwide employees help serve more than 20,000 clients in over 130 countries. Our technology powers billions of transactions annually that move over $9 trillion around the globe.

📍 LOCATIONS: England - Oxfordshire, London, South East, East Midlands
📍 VACANCIES: We are currently offering a variety of positions including:
- Software Developer
- Quantitative Developer
- Professional Services Consultant
- Business Analyst
- Client Services Analyst
- Actuarial Systems Analyst
- Project Manager


📍 RECRUITMENT CRITERIA:
- We welcome applications from undergraduates and postgraduates (minimum 2:1 predicted or achieved.) A numerate, technical, analytical, scientific, business or finance background is advantageous for many of our positions.

📍 TRAINING: Your development is important to us and we will support your learning with a robust programme of online, classroom and on-the-job training. Upon joining FIS, you will attend the core graduate training week designed to provide you with an overview of how our organisation is structured and prepare you for professional skills that you will build on throughout your career.

Additionally, you will receive starter training covering our solutions and key business processes, to prepare you for starting your new role.

📍 APPLICATION PROCESS: To apply, visit www.fisglobal.com/careers. Search by country and functional area ‘graduate and internships’.

When applying to the 2019 Associate Development Program, please include your CV and covering letter. Applications will close on 31st January 2019.

The assessment and selection process will include a telephone or video interview and a final round face-to-face interview (a problem-solving exercise or case study may also be issued at the final stage).

Please submit all applications online via www.fisglobal.com/careers

📍 CONTACT FOR APPLICATIONS: Audrey Kerloch
📍 EMAIL: emea.campus@fisglobal.com

www.fisglobal.com
Five Rings Capital

Five Rings is a proprietary trading firm founded with a vision of combining strategy, innovation and technology to succeed in today’s global markets. Five Rings trades in various domestic and international markets, both established and esoteric.

- **LOCATIONS:** England - London
- **VACANCIES:** Trader - 3
- **RECRUITMENT CRITERIA:** We accept applications from undergraduates and postgraduates.
- **APPLICATION PROCESS:** The firm doesn’t have an application deadline and accepts applications on a rolling basis.
- **EMAIL:** hr@fiverings.com

Funding Circle

Funding Circle is the leading small business loans platform in the UK, US, Germany and the Netherlands. Since we were founded in the UK in 2010, we’ve grown to over 900 employees worldwide – and counting!

Funding Circle was born after the financial crisis when banks retracted from lending to small businesses. Despite accounting for 50% of UK GDP, business owners continue to struggle with a broken financial system. Because of this, our founders decided to create a solution. By cutting out the middleman and using technology to connect creditworthy businesses directly with a wide range of investors seeking attractive returns, businesses can now access finance in a matter of days, rather than months at a bank.

Our aim is to become the first choice for small businesses looking to access finance globally. In just eight years, 80,000 Funding Circle investors have lent £5 billion to 50,000 businesses across the world. In addition, in 2017 lending through our platform created and sustained 75,000 jobs worldwide and contributed £4 billion to the global economy.

Want to join our mission and help us build a better financial world? We are looking for analytical masterminds who want to be part of our journey and champion small business growth.

- **LOCATIONS:** England - London
- **VACANCIES:** 4 x Graduate Analyst starting September 2019.
- **RECRUITMENT CRITERIA:** We are looking for either undergraduates or postgraduates from STEM subjects who are interested in a career within FinTech.
- **TRAINING:** We would offer a rotation based graduate scheme where candidates will move around our Risk and Analytics teams spending time within Customer Analytics, Decision Science and Risk Analysis. Candidates may also have the opportunity to work in our Berlin office as part of these rotations.
- **APPLICATION PROCESS:** The process will include an at home quantitative assessment, a telephone interview and an onsite assessment day.
- **CONTACT FOR APPLICATIONS:** Kim Jones
- **EMAIL:** kim.jones@fundingcircle.com

www.fiverings.com

www.fundingcircle.com/uk
G-Research is a leading quantitative research and technology company. By using the latest scientific techniques, we produce world-beating predictive research and build advanced technology to analyse the world’s data.

We use the latest scientific techniques and advanced data analysis methods to discover the undiscovered. Our researchers are free to explore ideas, finding patterns in large, noisy and real-world data sets to predict the movements in global financial markets.

**LOCATIONS:** England - London

**VACANCIES:**
- Quantitative Researcher
- Internship in Quantitative Research (Data Science/ Machine Learning/ Mathematical Modelling)
- Quantitative Researcher in Natural Language Processing
- Data Scientist
- Machine Learning Researcher

**INTERNSHIPS:** You will be given a challenging research project that demands innovative yet pragmatic mathematical and computational approaches. Using rigorous scientific methodology, robust statistical analysis and pattern recognition you will analyse a data ecosystem, extracting deep insights. Your project may give you the opportunity to use statistical and “big data” analysis approaches, machine learning techniques (i.e. neural networks & deep learning, Bayesian non-parametrics) or optimisation methodologies to solve your problems!

For the duration of the Internship, you will be paired with one of our Quantitative Researchers who will mentor you as you work on your project. You will receive structured feedback and reviews to enable you to improve and develop, culminating in a final presentation to senior management of your research ideas. We are a very social firm, and you will also enjoy a full itinerary of social events with your peers throughout the Programme.

The 10-week programme runs from June to August 2019 and is based in the West End of London. We offer a highly competitive salary during the internship and working hours are 9-5.30.

**RECRUITMENT CRITERIA:** The ideal candidate will at minimum have experience in the following areas:
You will be in your final or penultimate year of a Masters or PhD in a highly numerable subject such as mathematics, physics, statistics, engineering or computer science. An interest in applying data science, machine learning & optimisation techniques to real-world problems and some experience of programming would be beneficial.

**CONTACT FOR APPLICATIONS:** Katie Laing
**EMAIL:** katie.laing@gresearch.co.uk

www.gresearch.co.uk

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The Goldman Sachs Group, Inc. is a leading global investment banking, securities and investment management firm that provides a wide range of financial services to a substantial and diversified client base that includes corporations, financial institutions, governments and individuals. Founded in 1869, the firm is headquartered in New York and maintains offices in all major financial centers around the world.

At Goldman Sachs, you will have many opportunities to make an impact. The unique perspectives that our people bring to the firm and their shared passion for working on projects of great global, economic and social significance, help drive progress and create results.


**LOCATIONS:** Europe

**VACANCIES:** As listed on the Goldman Sachs Careers Website.

**INTERNSHIPS:** As listed on the Goldman Sachs Careers Website.

We are open to offering internships to postdoc researchers or PhD students.

**WORK EXPERIENCE:** As listed on the Goldman Sachs Careers Website.

**RECRUITMENT CRITERIA:** No specific grades / subject required.

**CONTACT FOR APPLICATIONS:**
**EMAIL:** GSCAMPUSRECRUITINGLD1@ny.email.gs.com

www.goldmansachs.com/careers
GSA Capital

GSA is a collaboration of approximately 180 people. For over a decade we have worked together creating and applying innovative technologies to solve problems in the investment management industry. Over 60% of our staff work in research or on developing technology necessary to enable and monetise our research. We are an eclectic mix of mathematicians, scientists, programmers, economists and a great deal more. We live by the scientific method in building quantitative models that analyse and predict real world behaviour. We implement algorithms based on these models to systematically invest in markets. At GSA we reward people based on merit and excellence, not necessarily on experience. We avoid the bureaucracy of larger organisations, and keep our management structures flat. People who work here enjoy a culture of trust, innovation and scientific rigour. It’s a friendly, open place where people are motivated because they enjoy what they’re doing.

LOCATIONS: England – London, North America
VACANCIES: Opportunities available: Quantitative Strategists, Software Engineers, Algorithm Developers, Systems Engineers. Students of all academic levels from the following and any closely related disciplines including Computer Science, Engineering, Mathematics, Statistics, Physics, Economics and Empirical Finance.
INTERNSHIPS: Internships available all year.

RECRUITMENT CRITERIA: Students of all academic levels from the following and any closely related disciplines including Computer Science, Engineering, Mathematics, Statistics, Physics, Economics and Empirical Finance.
APPLICATION PROCESS: CV submission to careers.campus@gsacapital.com
EMAIL: careers.campus@gsacapital.com

www.gsacapital.com

Hiscox

We insure the unique and the interesting. And we search for the same when it comes to talented people.

Hiscox is full of smart, reliable human beings who look out for customers and each other. We believe in doing the right thing, making good and rebuilding when things go wrong. Everyone is encouraged to think creatively, challenge the status quo and look for solutions.

We like to do things differently and constantly seek to evolve. We might have been around for a long time (our roots go back to 1901), but we are young in many ways, ambitious and going places.

Some people might say insurance is dull, but life at Hiscox is anything but.

LOCATIONS: England – London, Nationwide
INTERNSHIPS: We offer internship opportunities.
RECRUITMENT CRITERIA: To qualify for our actuarial programme we expect you to have a solid academic record in actuarial science, business, economics, engineering, finance, maths or statistics, and have achieved, or be expecting to achieve, 320 UCAS points and at least a 2:1 degree.
TRAINING: We offer a comprehensive training programme combining in-house courses with specialist external ones. You’ll be supported through your actuarial exams and enjoy rotations across the different actuarial functions including pricing and capital management.
APPLICATION PROCESS: Online application and interviews.
CONTACT FOR APPLICATIONS: Emma Cordingley
EMAIL: recruitment@hiscox.com
www.hiscoxgroup.com/careers
Around the world, growth is bringing new prosperity; businesses are pioneering new trade routes; new centres of wealth and influence are emerging and HSBC has an important role to play. Throughout its history, HSBC employees have been dedicated to connecting customers to this growth, enabling business to thrive and economies to prosper.

HSBC is looking for new students and graduates who are motivated by this purpose and are dedicated to building a sustainable business for the long-term. They are looking for collaborative and curious thinkers, with the courage to challenge the status quo and the motivation to make a positive impact for customers and communities.

The HSBC global internship and graduate programmes are designed to harness key qualities within the most talented students and graduates, regardless of what subject they have studied at University.

**LOCATIONS**: England - London

**VACANCIES**: HSBC Spring Programme, Summer Internship, Off Cycle Internship and Graduate Programmes.

**INTERNSHIPS**: Our internship opportunities will give you first-hand experience of what a career at HSBC is like. There are a variety of internships that will help you explore what you may want to do long term. We're looking for the future talent of our business – those who want to add their voice, motivation and dedication to our teams and learn crucial skills in a fast-moving, customer-focused environment.

HSBC offer Internships across Global Banking, Global Markets, Quantitative Analytics and Data Science and Engineering amongst others.

**RECRUITMENT CRITERIA**: HSBC accepts applications from both undergraduates and those who have recently graduated from all degree subjects.

**TRAINING**: HSBC offers two year rotational graduate programmes with training and on-going support throughout.

**APPLICATION PROCESS**: The selection process will give you the chance to experience what it’ll be like to work in your chosen business area and, at the same time, help us to decide whether you will be the right fit. You can find more detail on how the selection process works on our Application hints and tips page at www.hsbc.com/earlycareers.

We select people on a first-come, first-served basis – so if you’re interested, apply as early as possible before the positions are filled.

Applications are open now until 1 December for all internships.

**EMAIL**: campus.recruitment@hsbc.co.uk

**www.hsbc.com**

Infosys is a global leader in next-generation digital services and consulting. We enable clients in 45 countries to navigate their digital transformation. With over three decades of experience in managing the systems and workings of global enterprises, we expertly steer our clients through their digital journey. We do it by enabling the enterprise with an AI-powered core that helps prioritize the execution of change. We also empower the business with agile digital at scale to deliver unprecedented levels of performance and customer delight. Our always-on learning agenda drives their continuous improvement through building and transferring digital skills, expertise, and ideas from our innovation ecosystem.

**LOCATIONS**: Asia

**VACANCIES**: Position: Global Internship at Infosys.
Every year Infosys selects 140 students from the world's best 100 universities to work with us on a challenging internship project with an opportunity to join our Infosys team upon graduation.

A Fully paid international internship in Bangalore, the tech hub of India at Infosys' Headquarters.

Duration: 8 to 12 weeks; Location: Bangalore, India.

- Package includes return flights, visa fee, accommodation for the entire duration of the internship, airport transfers in India, chauffeur driven cars at disposal every week, health insurance, health club membership and more.
- It also includes a stipend for the living expenses in India (GBP 700 to GBP 800) depending on qualification.

All interns mentored by Infosys Leadership.

- Each student works directly with a mentor from Infosys’ leadership and his/her team.
Select from hundreds of projects.

You choose a project of your choice while applying at the InStep portal: www.infosys.com/instep

Build your network of industry peers and leaders.

Build your network across the globe since InStep gives you a platform to work with students from 100 best universities and to network with Infosys’ senior leadership.

From internship to rewarding career.

A chance to convert your internship into a full time opportunity at any one of the Infosys campuses, spread across 45+ countries.

Join a strong network of 2100+ InSteppers.

Build your network across the globe since InStep gives you a platform to work with students from 100 top global universities.

**INTERNSHIPS**: Global Internship

**WORK EXPERIENCE**: Available

**CONTACT FOR APPLICATIONS**: Eden Fernandes

**EMAIL**: eden.fernandes@infosys.com

**PHONE**: +91 734 929 0868

**www.infosys.com**
Institute of Mathematics and its Applications

The IMA is the professional and learned society for mathematicians, supporting and promoting the advancement of mathematical knowledge for the public good. Membership recognises your qualifications and experience; establishes you in the wider mathematics community; provides post-nominal letters and a route to Chartered registration. Membership demonstrates a commitment to career development and promoting mathematics.

**LOCATIONS:** Nationwide

**VACANCIES:** The IMA has offered Teacher Training Scholarships for several years to candidates with the potential to be inspirational maths teachers and ‘flag wavers’ for maths education. Scholars starting teacher training in Autumn 2019 will receive a generous tax free grant during their training year with a two year membership and support package and two further payments in your 3rd and 5th year of teaching.

**INTERNSHIPS:** We are a membership organisation so do not offer internships directly. Our corporate affiliate organisations do to undergraduate and postgraduate students.

**RECRUITMENT CRITERIA:** The IMA administers the maths initial teacher training scholarships scheme.

As a membership organisation we offer Student Membership for undergraduates, Associate Membership for graduates and full Membership for graduates with employment experience.

**TRAINING:** The IMA has offered Teacher Training Scholarships for several years to candidates with the potential to be inspirational maths teachers and ‘flag wavers’ for maths education. Scholars starting teacher training in Autumn 2019 will receive a generous tax free grant during their training year with a two year membership and support package and two further payments in your 3rd and 5th year of teaching.

**APPLICATION PROCESS:** For a teaching scholarship apply on line teachingmathsscholars.org/home For IMA membership Apply on line through www ima org uk/myIMA

**EMAIL:** membership@ima org uk

**PHONE:** 01702 356 103

www ima org uk

Jane Street

Jane Street is a proprietary quantitative trading firm, focusing primarily on trading equities and equity derivatives. We use innovative technology, a scientific approach, and a deep understanding of markets to stay successful in our highly competitive field. We operate around the clock and around the globe, employing over 700 people in offices in New York, London and Hong Kong.

Our entrepreneurial culture is driven by our talented team of traders and programmers. At Jane Street, we don’t come to work wanting to leave. We come to work excited to test new theories, have thought-provoking discussions, and maybe sneak in a game of ping-pong or two. Keeping our culture casual and our employees happy is of paramount importance to us.

**LOCATIONS:** England - London

**VACANCIES:** We offer full time positions in Quantitative Trading, Software Development, Business Development, and Quantitative Research.

**INTERNSHIPS:** We offer internships in Quantitative Trading, Software Development, Business Development, and Quantitative Research.

**APPLICATION PROCESS:** Please submit your CV online via our website: www janestreet com/join-jane-street/apply/. No cover letter is required, however, if you want to include more information please use the ‘comments’ free-text box. We are open for applications all year round.

**EMAIL:** sprice@janestreet com

**PHONE:** 020 3787 3358

www janestreet com
For 17 years, Liquidnet has revolutionized the way the world invests. Spanning 45 markets across the globe, our network connects the world's biggest investors to the world's biggest investment opportunities. We’re bold. We’re creative. We’re growing. We’re passionate about the power of technology to change the lives of our customers and the world beyond. Liquidnet prides itself on standing at the nexus of Wall Street and Silicon Valley. But, with fewer than 500 employees globally, Liquidnet is more like a start-up than any dusty old bank or overgrown tech giant. It’s a culture where everyone has an opportunity to make a difference.

We're looking for people who are smart, accomplished, and friendly. If that’s you, we’d love to talk to you about working with us.

This is an opportunity to join a fast paced, innovative Fin-tech company with a bold vision and strategy. Liquidnet is going through a double digit growth period and if you want to be part of this journey, then apply for a role at liquidnetcareers.com or reach out to our recruiters in London at ukcareers@liquidnet.com.

LOCATIONS: England – London
VACANCIES: Liquidnet has 15 graduate roles available in the UK within technology in 2019.
INTERNSHIPS: We know that we are at our best when we cultivate an ongoing exchange of fresh ideas and seasoned perspectives. Everyone is expected to contribute—including our summer interns. Designed to provide meaningful purpose to our organization, we have built our intern program to attract and develop the next generation of Liquidnet. Recruiting for summer interns in the UK commences in October with offers out and accepted early in the new year.

The action packed program begins at the end of June and runs for 10-12 weeks.

We recruit students currently pursuing an undergraduate degree as well as grad-level talent. The key areas where we seek intern-level talent are Technology, Sales, Trading and Product.

TRAINING: Employees are given everything they need to achieve success. From “Swimcamp” where you’re immersed in all things Liquidnet, to ongoing training and development, you’re supported throughout every step of your career.
APPLICATION PROCESS: Please apply directly on our website or reach out to our recruiters at ukcareers@liquidnet.com on or before 18/01/2019.
CONTACT FOR APPLICATIONS: Ian Quill
EMAIL: ukcareers@liquidnet.com
PHONE: 020 7614 1740

LOCATIONS: England – London
VACANCIES: Quantitative Researcher - 5
TRAINING: 1 year tailored training programme.
APPLICATION PROCESS: 
- Online application through Cornell Partnership.
- Written Test and Information Evening.
- Assessment Centre.

CONTACT FOR APPLICATIONS: Richard Giles
EMAIL: Richard.Giles@cornellpartnership.com
PHONE: 020 3786 7233

www.mwam.com
Metaswitch is the world’s leading cloud based communications software company. Our award-winning solutions power more than 1,000 worldwide service provider networks.

We design and develop commercial and open-source software solutions. We package our software into products that are redefining consumer and business communications while transforming communication networks.

**LOCATIONS:** Work from Home, England - London, East of England, West Midlands, North West; Scotland

**VACANCIES:** We are recruiting talented and motivated graduates, post graduates and Interns from any degree discipline to join us as Engineers. You don’t need any experience – just have an interest in technology and be willing to take on big challenges!

**INTERNSHIPS:** We offer internship opportunities.

**RECRUITMENT CRITERIA:** You will have a great academic background (all A grades at A Level and a good degree in any subject), and be looking to build your career in a company full of really smart people who love solving problems and working together in a collaborative and innovative environment.

**TRAINING:** Your assigned mentor will set aside 20% of their time for your training in your first year. Supported by that commitment, you will have the freedom and flexibility to drive your career in the direction - and at the speed - that you choose. You won't follow a fixed rigid program. You'll have your own individual training plan, tailored to your specific needs and objectives.

**APPLICATION PROCESS:** Our application process is as simple as submitting your CV to www.metaswitch.com/careers-graduates or alternatively you can send your CV over to emma.watts@metaswitch.com.

**CONTACT FOR APPLICATIONS:** Emma Watts

**EMAIL:** emma.watts@metaswitch.com

**PHONE:** 020 8366 1177

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The NCS vision is to provide outstanding A level education and examination results for able students in East London and beyond to enable them to progress to the most competitive universities in the UK, including Oxford and Cambridge and other prestigious universities worldwide. As a group of professionals we believe strongly in the importance of social mobility and through our work we are effecting positive change within our community. We have been judged ‘Outstanding’ by Ofsted in every category and our 2018 A level results of 90% A*/B and 99% A*/C mean we are one of the highest performing state A level providers in the country. In only our third year of A levels, 95% of students received offers from a Russell Group University, 10 of which were from Oxford or Cambridge, 1 student is studying at MIT and 39 offers were made for Medicine/Dentistry. Having forged a strategic partnership with UCL, colleagues at all levels have access to world class facilities, academics and cutting edge research.

As our Sixth Form grows we seek to recruit exceptional graduates to join us in September 2019. Over the two years, we would offer high quality mentoring and training all within a supportive and collaborative environment helping our trainee teachers achieve Qualified Teacher Status. We also offer a generous financial package that would be highly attractive to a prospective applicant who wished to use their strong subject knowledge to support very able students from disadvantaged backgrounds.

**LOCATIONS:** England - London

**VACANCIES:**
- Teacher of Mathematics
- Teacher of Biology
- Teacher of Chemistry
- Teacher of Physics

**RECRUITMENT CRITERIA:** We accept applications from undergraduates and postgraduates.

**TRAINING:** Schools Direct (salaried) Programme.

**APPLICATION PROCESS:** Application form and interview.

**CONTACT FOR APPLICATIONS:** Mouhssin Ismail

**EMAIL:** mismail@ncs6.org

**PHONE:** 020 3373 5000

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www.metaswitch.com

www.thenecs.co.uk
Newton isn’t like other consultancies, or other employers. We hire people with unusual spirit, personality, bravery and belief. We go to extraordinary lengths to support you and build your belief. We also offer you far more responsibility than other employers would even countenance. The fact is, if you don’t limit yourself, we don’t limit you. Our philosophy is quite simple: we demand better, for our people and for our clients.

LOCATIONS: England, Scotland, Nationwide

VACANCIES:
• Operations consultant
• Digital solutions consultant
• BST Grad roles
• IT Grad Roles

RECRUITMENT CRITERIA: During your Newton application process, we’ll be looking for:
• Be highly numerate with a logical mindset and strong analytical and conceptual skills (this doesn’t mean you must be an engineer or a mathematician!).
• Be strong, effective communicators at all levels with the ability to build and sustain relationships.
• Have an exceptional ability to spot relevant points in an ocean of information and draw insights.
• Thrive on early responsibility and be self-motivated and driven to succeed.
• Be flexible and adaptable.
• Self-awareness and the willingness to receive and act on feedback.
• Excellent education with top results (not necessarily in a STEM subject).

APPLICATION PROCESS:
• Come meet us – Hear more about us by attending an event near you.
• Apply online or at one of our events.
• Make an online video interview.
• Selection day – This is a whole day of exercises. It’s a great chance for us to get to know you, and how you think.
• Come have dinner – This is your chance to grill us, meet the senior team and make sure Newton is the right choice for you before the final interviews.
• Final interviews – We’ll ask questions about your background and discuss why you want to join.

Applications close at the end of January 2019.

CONTACT FOR APPLICATIONS:
Recruitment Team
EMAIL: graduates@newtoneurope.com
PHONE: 01865 301 600

Operis is a specialist firm of consultants providing financial modelling expertise and related advisory services to financial institutions involved in major projects and structured financings, including P3s, infrastructure and energy transactions. Headquartered in London, England, Operis was established in 1990 and opened an office in Toronto in 2014 which is growing rapidly. Its involvement in transactions includes building the financial models, auditing those built by others, and providing structuring advice. It is a leading independent provider of P3 financial advice in Europe, and is developing the same services in North America. The company comprises some 50 individuals, 10 based in Toronto, with very strong academic backgrounds and a dedicated approach to their work.

LOCATIONS: England – London

VACANCIES: Main responsibility: To provide financial modelling and analytic expertise for a wide range of model build, model audit, and systems development assignments and related activities.

Job characteristics:
• Completing the detailed analysis of a model and associated documentation in order to provide assurances on a model audit.
• Building financial models to a specification provided by the Project Manager. All aspects of modelling may be required to support the completion of the project.
• Running, editing, enhancing, populating, and fine-tuning models.
• Developing bespoke systems for clients.
• Provision of financial and numerical analysis.
• Supporting the Advisory team’s work.

RECRUITMENT CRITERIA: Candidate requirements:
• Minimum 2:1 in a highly numerical degree.
• Effective communicator who can explain ideas and concepts.
• Internal teamwork is essential. Candidates must be happy to work in a co-operative and flexible environment.
• Self-motivated and confident in working independently.

APPLICATION PROCESS: Please send your CV, covering letter and right to work in the UK to opportunities@operis.com

CONTACT FOR APPLICATIONS: Amanda Reid
EMAIL: eareid@operis.com
PHONE: 020 7562 0400
Over thirty years ago, Optiver started business as a single trader on the floor of Amsterdam’s European Options Exchange. Today, we are a leading global electronic market maker, focused on pricing, execution and risk management. We provide liquidity to financial markets using our own capital, at our own risk, trading a wide range of products: listed derivatives, cash equities, ETFs, bonds and foreign currencies. Our independence allows us to objectively improve the markets and provide efficiencies for end investors.

With over one thousand Optiverians globally, our mission to improve the market unites us. Thriving in a high performance environment, we pioneer our own trading strategies and systems using clean code and sophisticated technology. We achieve this by attracting, developing and empowering top talent, in order to sustain our future.

**LOCATIONS:** Europe

**VACANCIES:** We have the following full time opportunities for final year students or recent graduates to join us as:
- Traders
- Researchers
- Graduate Software Developers
- Risk Analyst

**INTERNSHIPS:** We have two 8 week summer internship programmes available within Trading and Technology, to be based in Amsterdam.

The programmes are open to penultimate year students studying one of the following subjects or equivalent:
- Computer Science
- Economics
- Finance
- Mathematics
- Statistics

In addition to this we require:
- Excellent numerical and analytical skills;
- Fluency in English (Dutch is not required).

Students will be reviewed at the end of the internship and those who have passed will receive an offer for a full time role upon graduation.

**WORK EXPERIENCE:** We intend to offer an insight day in our Amsterdam office to first year students in Spring 2019. Please enquire at the fair for more information.

**RECRUITMENT CRITERIA:** Please check the Optiver website, www.optiver.com for the specific requirements and application process per role. Kindly note that Optiver is able to provide sponsorship for work visas.

**TRAINING:** We have a two month training programme for Trading, Research and Risk. For our Technology function, you will mix on-the-job training with classroom learning.

**APPLICATION PROCESS:** We make use of online and paper tests as part of our assessment process. There are also technical and competency interviews which are either conducted on the phone/Skype or in person. The final stage will be an interview day in Amsterdam, consisting of a mix of tests and interviews.

**EMAIL:** Recruitment@optiver.com
OxFORD Asset Management is an investment manager with a quantitative and technological focus. Our team of mathematicians, scientists and software engineers develop proprietary algorithms using the latest technologies and trading software to invest on a global scale. By analysing a range of data and information, we exploit relationships among financial instruments such as stocks, futures, and currencies. We work with the latest technologies to build computational models of financial markets, which trade the Fund’s portfolio. We tackle problems with an open mind, and draw inspiration from a vast array of sources. We encourage a culture of innovation and craftsmanship, and embrace a philosophy of continual improvement with rapid feedback on personal contributions. OxFORD offers a comprehensive and flexible benefits package, including competitive salary and performance related bonus, private healthcare, pension and life assurance.

If suitable, your work may be passed onto our live systems, where you can see your work in action. Many of our interns later join us in a full time position.

RECRUITMENT CRITERIA: We welcome applications from undergraduates, graduates and doctoral students.

APPLICATION PROCESS: Please submit CV and Cover Letter online at www.oxam.com.

CONTACT FOR APPLICATIONS: Charlotte Grant

EMAIL: charlotte.grant@oxam.com

PHONE: 01865 248 248

www.oxam.com

OxFORD Asset Management

Opportunities are at the heart of a career with PwC. Our purpose is to build trust in society and solve important problems for their clients, helping them tackle business challenges and improving how they work.

PwC’s aim is to be ‘the leading professional services firm’, and to achieve this they must be innovative, responsible and attract outstanding people. With almost 18,000 employees at offices UK-wide, attracting the right talent continues to be paramount and, as a progressive employer, PwC continues to develop a diverse workforce who feel empowered to be the best they can be.

This includes supporting different ways of working, with ‘Everyday Flexibility’ allowing PwC people to better balance work and life, and ‘dress for your day’, where employees decide what’s appropriate given their daily responsibilities.

At PwC, graduates can expect to be part of a stimulating environment working on challenging projects, in a culture that embraces difference. No matter what your degree or background, PwC have a range of roles to suit everyone.

Whatever the route, PwC is focused on its people achieving their potential, where hard work and accomplishments are recognised and rewarded with a competitive salary and a tailored, flexible benefits scheme.

LOCATIONS: Nationwide

VACANCIES: Maths graduates can join Assurance, Actuarial, Consulting, Deals, Legal, Tax or Technology.

INTERNSHIPS: During our Summer Internships, you’ll experience work and life at PwC, and gain a valuable insight into our business and culture. We have a number of internships for Maths students in the same areas as our graduate programmes.

WORK EXPERIENCE: We offer Office Open Days, Women In Business placements, Talent Academy and Tech Academy.

TRAINING: PwC looks for talented Maths graduates eager to learn, with business awareness, intellectual and cultural curiosity, and the ability to build strong relationships. Trainees can develop and grow within a supportive and nurturing learning environment - in some business areas, this could mean working towards a professional qualification.

APPLICATION PROCESS: The majority of our roles are rolling recruitment, please check individual vacancies for application closing dates. Apply via pwc.com/uk/careers

Opening date for applications: 5th September 2018.

CONTACT FOR APPLICATIONS: PwC Student Recruitment

EMAIL: HCCSSStudentRecruitment@uk.pwc.com

PHONE: 0808 100 1500

www.pwc.co.uk/careers.html
Founded in 1992, Rebellion® is one of Europe's leading independent game developers and comic book publishers. The studio's flagship Sniper Elite games series leads the way for authentic stealth and sniping gameplay with more than 10 million units sold worldwide. Whether it's the breathtaking intensity of Sniper Elite 3, the face-hugging terror of Aliens vs. Predator or the grindhouse frenzy of Zombie Army Trilogy, the Oxford-based studio is known for creating stand-out games that thrill players.

LOCATIONS: England - Oxfordshire

INTERNSHIPS: Internships available

APPLICATION PROCESS: rebellion.com/jobs

CONTACT FOR APPLICATIONS: Andy Dowley

EMAIL: vacancies@rebellion.co.uk

PHONE: 01865 792 201

www.rebellion.com
We've been at the forefront of engineering in the UK for over 100 years. It's where the company started, and where it's headquartered. Employees in the UK work across many areas of our business, and we directly employ about 22,300 people in 30 sites from Scotland to the South West of the UK.

A large proportion of our research investment is spent in the UK, ensuring that we remain at the forefront of technology. We've invested in 19 University Technology Centres at 14 UK universities and we work closely with the network of Advanced Manufacturing Research Centres to stay at the forefront of production techniques.

Our state-of-the-art Apprentice Academy in Derby trains hundreds of apprentices each year, many of whom will join the company or go on to work in our supply chain. At any one time we have more than 600 apprentices and a further 750 graduates on our UK Graduate programmes.

📍 LOCATIONS: Nationwide
📍 VACANCIES:
  - Graduate Schemes
  - Summer Internships
  - 12 Month Placements
📍 INTERNSHIPS: We offer internship opportunities.

📍 RECRUITMENT CRITERIA: All undergraduates.
📍 EMAIL: YourResourcing@Rolls-Royce.com

www.rolls-royce.com

Located in our prestigious offices at Tower Bridge, RPC Consulting is the dynamic, financial consulting arm of RPC, the award-winning London-headquartered law firm. The firm now has over 65 people bringing deep insurance knowledge, actuarial science, and software development skills to a growing client base including Lloyd’s, global speciality, personal lines and reinsurance groups.

Insurance risk management is possibly the most demanding and diverse area in mathematical finance today. In response, we developed Tyche, a state of the art software platform that can run financial models at game-changing speeds. Tyche is ideally suited to handling a wide range of mathematical modelling and optimisation problems accurately and efficiently.

You will gain experience across a range of general and life insurance actuarial services. In particular, there will be a greater emphasis on modelling challenges faced by insurers, including pricing and capital modelling. You will support clients with developing, parameterising and testing models and in this respect, early in your career you will be interacting directly with clients in a technical capacity and gaining a network of contacts.

📍 LOCATIONS: England – London
📍 VACANCIES: Actuarial Consultant x 6
📍 RECRUITMENT CRITERIA: If you're interested in applying, you are working towards a 2.1 or above in a scientific or numerate degree, and you have an A* grade or above in Mathematics at A Level, then we want to hear from you.
📍 TRAINING: Training on wider commercial and insurance topics, as well as our software Tyche, is provided by subject matter experts from within the team.

You will gain technical actuarial knowledge through your day to day work and by working through the actuarial exams. We provide a competitive actuarial study package including not only study leave, materials and exam allowances, and exam remuneration, but also support from a study mentor.

📍 APPLICATION PROCESS: CV's are submitted via our online application portal and reviewed by our recruitment panel.

You may be invited to one of our assessment mornings which involve a number of assessments and interviews. Our assessment days are taking place on 22 November, 6 December, 13 December, 17 January, 31 January and 14 February, with more dates to follow.

📍 CONTACT FOR APPLICATIONS: Kelly Johnson
📍 EMAIL: kelly.johnson@rpc.co.uk
📍 PHONE: 020 3060 6196

www.rpc.co.uk/services/.rpc-consulting
We are looking for graduate software developers and interns who want a challenging role in our highly successful and growing company. Our staff are among the smartest in the industry and they grow with us, learning diverse technologies and pursuing the type of work they find most interesting.

We offer a superb all-round package, including starting salary of £36,000 (London), with half of our profits distributed to staff as bonus. Permanent roles are available in London, Manchester and Cambridge.

**LOCATIONS:** England – London, East of England, North West

**VACANCIES:** Graduate Software Developer – up to 20 vacancies each year usually starting in September, November or January.

**INTERNSHIPS:** We offer up to 30 internship places in London each year, mostly over the summer but with other dates available too. Our internship programme is extremely popular with students, offering real-life, team-based software development work, and a salary of £2,000 per month.

**RECRUITMENT CRITERIA:** We are looking for highly inquisitive people with raw talent and a passion for coding. Hobbyist or academic experience of programming is desirable but not mandatory, and we accept applications from students of all disciplines.

**TRAINING:** We provide full on-the job training to our staff, all the way through their career.

**APPLICATION PROCESS:** Our application process is probably the quickest and easiest to be found anywhere. We recruit and interview all year round but candidates are significantly more likely to be successful if they apply well in advance of their preferred start date. Students looking for summer internships or permanent placements after graduation are advised to submit their application before the end of the preceding December.

**CONTACT FOR APPLICATIONS:** Jessica Baranov

**EMAIL:** recruit@softwire.com

**PHONE:** 020 7485 7500
SIG is a global quantitative trading firm founded with an entrepreneurial mind-set and a rigorous analytical approach to decision making. We commit our own capital to trade financial products around the world. Building virtually all of our own trading technology from scratch, we are leaders and innovators in high performance, low latency trading. Our traders, quants, developers, and systems engineers work side-by-side to develop and implement our trading strategies. Each individual brings their unique expertise every day to help us make optimal decisions in the global financial markets.

Our programmes expose you to a mix of classroom-based training and hands-on practical experience, as you learn and hone your skills in rational decision making under conditions of uncertainty. At SIG, you will be immersed in a fast-paced environment where you will apply what you learn theoretically in mock trading environments, and then practically on the trading desks. You will explore your ideas in a team environment where you get immediate feedback to improve, innovate your thinking and make an impact.

**APPLICATION PROCESS:** We recruit on a rolling basis and strongly encourage early applications. Submit your CV and cover letter online at www.sig.com/careers.

**Quantitative Assistant Trader Programme:** September 3rd to November 23rd 2018
**Trading Summer Internship Programme:** September 3rd to December 7th 2018

**CONTACT FOR APPLICATIONS:** Emma Quinn
**EMAIL:** dubcampusrecruit@sig.com

**www.sig.com**

Teach First is an education charity that works towards a day where every child has the education they are entitled to. We find and develop great people to become inspirational leaders in the classroom, in schools and across all sectors of the economy. Our trainees join our two year graduate scheme, the Leadership Development Programme. Through the programme, we support them to become qualified teachers, to gain a fully funded Postgraduate Diploma in Education and Leadership and go on, if desired, to gain a Master’s. We also introduce them to some of the most influential organisations and experts in the professional world.

**LOCATIONS:** England, Wales

**VACANCIES:**
- Graduate Leadership Development Programme: 1000s
- Our internships – the Insight Programme: 100s
- Our two day work experience programmes: 100s

**INTERNSHIPS:** Our Insight Programme is a paid, two-week internship where you will receive training sessions on leadership and teaching theory, and get a chance to step into the classroom and deliver your own lesson at one of our partner schools. This award-winning internship is designed for students in their penultimate year at university with a STEM background. It takes place during Easter and Summer holidays.

**APPLICATION PROCESS:** All graduate roles and internship placements consist of an online application and assessment centre with a rolling deadline.

**CONTACT FOR APPLICATIONS:** Gemma Hall
**EMAIL:** ghall@teachfirst.org.uk
**PHONE:** 07825 368 319

**www.teachfirst.org.uk**
Tessella is the Analytics World Class Center of the Altran Group. We are scientists and engineers who enjoy solving the real-world technical challenges faced by industry-leading companies at the forefront of science and technology. Using a combination of deep domain knowledge and technical expertise, including data science, analytics and software engineering, we work with our clients to find new ways to unlock the value held within their data, enabling better-informed business decisions.

We are looking for talented science, mathematics and engineering graduates and postgraduates to join us. You will have the opportunity to apply the knowledge you have gained during your studies and use a range of skills to create, develop and deliver solutions that make a difference in the world. You will learn new domains and technologies and apply innovative thinking and transferable skills to solve new challenges.

We are proud of our culture, where a proactive attitude, supportive colleagues and commitment to continuous learning are all valued. The wellbeing and engagement of all staff is our priority and we work in a collaborative environment with a good work–life balance. We offer an excellent salary and benefits package, including a range of fixed and flexible benefits, which staff can tailor to fit their needs. We also support flexible working requests where possible.

📍 LOCATIONS: England – Oxfordshire, East of England, West Midlands, North West
📍 VACANCIES: We continuously recruit for Data Scientists/Software Developers, typically 15–20 throughout the year.
📍 RECRUITMENT CRITERIA: BSc (min. 2.1), MSc or PhD in science, mathematics or engineering plus software development skills in any object-oriented language and the ability to interpret complex data using a variety of mathematical techniques.
📍 TRAINING: We offer excellent future prospects. While we do offer traditional career paths, most staff end up shaping their own based on their aspirations, the skills they have worked on. We take personal development seriously and we provide an annual training allowance of 150 hours, which can be used to learn new technical and soft skills, often leading to recognised professional qualifications.
📍 APPLICATION PROCESS: Apply online or by email. We recruit throughout the year.
📍 CONTACT FOR APPLICATIONS: Neil Barrett
📍 EMAIL: jobs@tessella.com

www.tessella.com

TPP is a market leading UK based IT company, dedicated to delivering innovative software solutions to the UK healthcare industry. After 21 years of success, we now operate on an international scale with projects ongoing across the Middle East and China.

TPP has been consistently recognised as an outstanding graduate employer. In 2014 and 2015 we placed first in The Sunday Times 100 Best Small Companies To Work For. Most recently, we were named ‘Top Company For Graduates To Work For’ 2016/17 by The JobCrowd.

📍 LOCATIONS: England – Yorkshire and the Humber
📍 VACANCIES: We are currently hiring for:
- Software Developer
- Software Developer Summer Internship
- Graduate Analyst
- Graduate Analyst (Mandarin Speaker)
- Account Manager
- Account Manager (Mandarin Speaker)
- Marketing & Communications Manager
- Marketing & Communications Manager (Mandarin Speaker)
- Technical Operations
- China Marketing Assistant
- Software Support Analyst
📍 INTERNSHIPS: We offer a Software Developer Summer Internship.
📍 RECRUITMENT CRITERIA: All of our roles have different requirements, please check our website for more details.
📍 TRAINING: We offer on the job training.
📍 APPLICATION PROCESS: To apply, email your CV careers@tpp-uk.com. When applying, please specify:
- Which university you attended;
- Your degree classification;
- All individual GCSE and A Level subjects and grades;
- Where you heard about the job.

Note that due to the high volume of applications, candidates failing to pass the initial selection will not be notified. Successful candidates will usually be contacted within two weeks. We reimburse applicants for travel to and from interviews. Please be aware that applications will be kept on file for up to 12 months.

📍 CONTACT FOR APPLICATIONS: Aimee Foulds-Carr
📍 EMAIL: careers@tpp-uk.com
📍 PHONE: 0113 2050082

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