

Education

MEarthSci Earth Sciences, Balliol College, University of Oxford (2018–2022)

- Expected First class
- Modules include: Seismology and Earth structure; Geodynamics and continental deformation; Volcanology, igneous processes and petrogenesis; Earth materials, rock deformation and metamorphism; palaeobiology and evolution
- Field courses: Pembroke, Isle of Arran, Dorset, Assynt & SE Spain

St John's School, Milton Keynes (2011–2018)

- A levels: Maths A*, Geography A*, Chemistry A*
- GCSEs: 5A*, 3A, 1B including A* in English and Maths

Research Experience

Masters project: Geometry and Kinematic Evolution of the Main Fold, Oman (2021-2022)

- Analysed land and air-based and aerial photographic images to develop a structural interpretation of the fold and surrounding structures
- Conducted electron backscatter diffraction analysis of rock samples to determine crystal orientations
- Resulting paper currently in preparation
- Project supervisor Dr AN Other, Department of Earth Sciences, Oxford University

Independent mapping project: Geological structure west of Louisburgh, Co. Mayo, Ireland (2020)

- Six weeks of fieldwork, data analysis, map production and report on the sedimentary Silurian and Ordovician folded structures overlying metamorphic Dalradian basement
- Project graded 90 and achieved the Gibbs Prize

Remote sensing geoscience intern, CGG (2019)

- Analysed satellite data to determine optical, radar and elevation characteristics of an area of north Wales
- Delivered report to client in written and verbal form

Additional experience

Oxford University, The Student Consultancy, Team Leader (8 weeks, 2019)

- Led a team of five students to develop marketing strategy for local start-up
- Designed and executed surveys, recommendations to clients all implemented

Additional skills & interests

- **Languages:** English–native; French–near-fluent; German–conversational
- **IT:** Proficient in Excel and SPSS, WordPress, and MSOffice
- **Music:** Lead clarinet Milton Keynes Youth Band; member National Youth Orchestra; Marketing Officer for Balliol College wind ensemble. Promoted concerts and managed ticket sales, increasing audience numbers by 30% in the first year
- **Sport:** College football team; training twice a week; Captain of St John's School football team