

Eric Taylor

London, UK | +44 7756 910615 | elt25@ic.ac.uk | [LinkedIn](#)

EDUCATION

Imperial College London

2025 – Present

MSc Environmental Data Science and Machine Learning

Pembroke College, University of Cambridge

2022 – 2025

BA (Hons) Geography

- Class I with Distinction; ranked 1st in Physical Geography
- Thesis: ‘Quantifying changes to debris thickness and extent on Rongbuk Glacier, Tibet, between 2000-2021 using an energy balance model, thermal imagery, and energy balance modelling’ – awarded 91%
- Specialised in glaciology and environmental data analysis

PUBLICATIONS / CONFERENCES

Manuscripts in preparation:

- Taylor, E. and Dell, R. Remote sensing early supraglacial debris evolution on Rongbuk Glacier using an energy balance model, thermal imagery, and climate reanalysis data. Intended submission to *Journal of Glaciology*.

Conferences:

- Taylor, E. (2025). International Glaciology Society – British Branch 2025, University of Oxford. Poster presented.

AWARDS

Department of Geography, University of Cambridge

- Philip Lake Prize for the best performance in Physical Geography in the Geographical Tripos 2025
- William Vaughan Lewis Prize for a 1st Class dissertation in the top 15% of marks 2025

Pembroke College, Cambridge

- Pembroke Master’s Award for postgraduate study at Cambridge 2025
- Foundress Prize for 1st Class third-year exam results 2025
- Foundress Prize and Foundation Scholarship for 1st Class second-year exam results 2024
- College Prize and Scholarship for 1st Class first-year exam results 2023

FIELDWORK

Fieldwork Assistant

2025

- 10 days of fieldwork on Morteratsch Glacier, Switzerland, collecting plant samples in the glacier fore-field
- Designed a workflow to record sample metadata in the field quickly.
- Developed Python scripts, implementing FastVLM, to automatically read handwritten sample metadata, extract and organise plant information (plot ID, geographic coordinates, species, etc.), and plot results.

WORK EXPERIENCE

Stratospheric Platforms Limited

2024 (6 weeks)

Project Intern

- Developed company-specific algorithms in MATLAB to model 5G cell tower requirements for UK and global applications.
- Analysed spatial data and UK population data to estimate rural/urban 5G user requirements.
- Produced maps and graphs to convey algorithm results for easier visual interpretation.
- Presented methods, algorithms, and findings.

The Perse School

2023 (4 weeks)

Assistant Tutor

- Designed and ran classes for children aged 7-14 at the Perse Summer School, teaching design technology and maths.

Department of Geography, University of Cambridge

2023

Open Day Ambassador

- Represented Pembroke College as an ambassador during open days, providing insights to prospective applicants about student life and studying Geography at Cambridge.

YouTube Creator

2019 – 2022

- Produced 30+ Minecraft tutorials, amassing >36,000 subscribers and >7 million views.
- Gained experience in digital media production and online community engagement.

ACTIVITIES / SOCIETIES

Cambridge University Geographical Society

2024 – 2025

President

- Leading a committee of 13 students to deliver a range of speaker, career, and social events for Geography students.
- Increased the society's annual budget by 50% by working with the University department to provide additional funding to the society.

Cambridge University Geographical Society

2023 – 2024

Treasurer & Web Officer

- Redesigned the society's website to improve its online presence and streamline membership purchases – cugs.co.uk
- Created accounting templates to simplify the workload for the next treasurer.
- Membership revenue increased by 10% compared to the previous year.
- Reduced society admin fees by 50%.
- Managed ticketing and finances for the Geography Ball, with 150 guests and a £10,000 budget.

Pembroke College May Ball

2023 – 2024

Technical Officer

- Liaised with a team of 21 students to deliver a ball for 1,300 guests with a budget of £200,000.
- Managed the ticketing and website development for Pembroke College's 2024 May Ball.
- Self-taught HTML, CSS, and JavaScript to build the Ball's website.

Pembroke College Badminton Club

2023 – 2024

Co-President & First Team Captain

- Organised training sessions and matches for Pembroke's 1st Team.

TECHNICAL SKILLS

R, MATLAB, Python, QGIS, Google Earth Engine

HOBBIES

3D Modelling, Video Production, YouTube (36,000+ subscribers), Running, Badminton (Pembroke College 1st Team Captain and Co-President 2023-24).