

Samuel Webb

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EDUCATION

University of Edinburgh, MMath Mathematics

Sep 2020 - Jun 2025

– Second year: 1:1 - 72%. Relevant topics: Numerical Methods, Algebra, Analysis, Statistics, and Probability.

– First year: 1:1 - 70%. Relevant topics: Linear Algebra, Data Science, Logic, Proof, and Calculus.

– Third year: 2:1 - 63%. Relevant topics: Real and Complex Analysis, Algebra, Differential Equations, and Metric Spaces

Alleyn's School, London

Sep 2013 - Jun 2020

– A Levels: **A***, **A**, **B** in Mathematics, Physics, Further Mathematics.

– GCSEs: 5x **9**, 4x **7**, 2x **A** including Mathematics, Additional Mathematics FSMQ, English Language.

WORK EXPERIENCE

QuantSIG & EUTIC Quant Team, University of Edinburgh

May 2023 - Present

– Edinburgh's student-run finance society with **£75,000** assets under management and **400 active members**.

– Developed a stock prediction tool, leveraging scikit-learn and advanced machine learning methodologies.

Maths Society Committee member, University of Edinburgh

May 2023 - Present

– Managed a budget of **£12,000** to organise the Maths Society Ball, for **150+ people**, as part of a small team.

Soup Society Secretary, University of Edinburgh

May 2023 - Present

– Organise communications with the committee and other society members.

COVID-19 Volunteer, Vaccination Centre, London

Apr 2021 - Sep 2021

– Checked in **60+ patients hourly**, monitored for any adverse reactions and ensured patients' safety.

Arup Group Limited, London

Aug 2018

– Shadowed engineers, and observed applied maths required for electrical, mechanical and civil engineering. Gained an understanding of task decomposition and attention to detail in engineering.

Canopus Lloyds of London, London

Jun 2018

– Shadowed actuarial, risk pricing, and catastrophe modelling teams as well as underwriters and a broker. Gained insight into the process of computer-assisted calculation in catastrophe modelling.

EMPLOYMENT

Bartender & Waiter, [Off to Work](#), London, Edinburgh

Jun 2023 - Present

– Worked in a variety of venues, including The Science Museum, Guards Polo Club, the Oval Cricket Ground, and private venues, with dynamic teams of **3-40 people**. Serving up to **800+ people per event**.

– Required to be adaptable, and to quickly learn new skills and procedures often in an unfamiliar environment.

ID Compliance Auditor, [Serve Legal](#), London, Edinburgh

Mar 2021 - Apr 2023

– Keep up to date with the current guidelines on correct age verification and allergen procedures.

– On a part time basis visit **10+ sites per day**, and accurately record details for reports.

Bartender, Waiter, & Cook, Good Neighbour, London, The Vurger Co, London

Mar 2018 - Sep 2021

– Worked as a team of 3 to serve **80+ customers daily**, simultaneously welcoming and seating customers, taking orders, preparing and serving food and making drinks.

COVID-19 Testing registrar / Results recorder, University of Edinburgh

Dec 2020 - Jan 2021

– Registered **50+ people per hour**, directed them through COVID-19 testing and registration process.

– Tested **25+ people per hour** and recorded results.

SKILLS AND INTERESTS

Python (Use numpy, matplotlib, scipy, pandas, socket, scikit-learn, and ryu for; Numerical Calculus and Linear Algebra, Regression Modelling, Image Processing, UDP client-server and software-defined network.) **R** (Statistical hypothesis tests, regression, analysis of variance, likelihood estimates) **LaTeX** (This CV, Beamer presentations, posters, and standard documents) **Soldering** (Custom ergonomic mechanical keyboard using surface mount components) **Docker** (Home Server) **Excel** (Completed Linkedin Learning course)

STEM Ambassador (Working with schools to promote STEM subjects) **Cycling** ([Fundraised](#) for Oddballs Foundation rode Manchester to Edinburgh) **Netball** (MathSoc Intermural Team Captain) **Handmade bicycle and Motorcycle rebuild** (Designed with CAD. Rebuilding classic motorcycle including engine rebuild) **Pool and snooker** (Pool clubs and pool society) **Poker** (UoE Poker Society)