

Samuel Grosz

Curriculum Vitae

London, United Kingdom | sg@samuelgrosz.co.uk | linkedin.com/in/samuel-grosz

US and UK citizen; authorised to work in both countries

EDUCATION

The London School of Economics and Political Science

BSc Philosophy and Economics; expected 2028

London, UK

2025–2028

- First-year weighted average: **72.4% (first class honours)**.
- First-year study: Introduction to Philosophy, Microeconomics, Macroeconomics, Political Science and Mathematical Methods.

St Paul's School

A levels and GCSEs

London, UK

2019–2024

- A levels: Mathematics (A*), Further Mathematics (A*), Economics (A*) and Computer Science (A*).
- GCSEs: 10 A*s and 1 A.
- 2023 Marshall Society Economics Essay Competition (University of Cambridge): one of 12 shortlisted entrants from 750+ submissions, and one of only three from the UK.

EXPERIENCE & LEADERSHIP

Sardis Capital

Research Intern

London / Remote

Jun 2026–Present

- Conduct investment research on the semiconductor sector, synthesising company filings and industry data into analysis of value chains, competitive dynamics and emerging technologies.

Columbia University, School of International and Public Affairs

Research and Administrative Assistant to Dr Anya Schiffrin

New York, US

Feb 2025–May 2025

- Supported teaching for a graduate seminar on mis/disinformation by reviewing research-paper drafts and providing tailored feedback to students.
- Produced media-policy research and quantitative analysis for an OSCE-published report and university-finance research.

LSEU Hayek Society

Secretary

London, UK

2026–Present

- Coordinate the society's academic programme and operations, organising events and managing digital communications.

St Mary's Ukrainian School

Mathematics Tutor (Volunteer)

London, UK

Sep 2024–Feb 2025

- Delivered volunteer mathematics tutoring to Ukrainian school pupils.

Mosaic Ventures

Work Experience Placement

London, UK

Jan 2023

- Analysed AI/ML market material and startup-sourcing data, supporting early-stage technology screening and investment evaluation.

TECHNICAL & RESEARCH PROJECTS

A Recommender System for Questions in Mathematics (RSQM)

Computer Science A-Level NEA

St Paul's School

2023–2024

- Built a full-stack adaptive maths-practice platform using Python, Flask, PostgreSQL and JavaScript/HTML/CSS, with automated PDF extraction through Claude Vision and OpenAI embeddings.
- Developed a personalised recommendation engine using 1,536-dimensional embeddings, cosine-nearest-neighbour retrieval and an epsilon-greedy multi-armed-bandit learner model; validated it through unit, integration, simulation and user testing.
- Authored a 62-page technical report documenting requirements analysis, system architecture, implementation, testing and evaluation.

LSE Undergraduate Research Programme

Economics Researcher — Modelling Procrastination

London, UK

Feb 2026–Present

- Conducting a literature review and developing economic models of procrastination and intertemporal decision-making.

LSE100 Team Project

Selected Project

London, UK

2025–2026

- Selected from 150+ submissions to present team research at Knowledge Beyond Boundaries 2026, LSE's interdisciplinary student research conference held as part of the LSE Festival.

SKILLS & ADDITIONAL INFORMATION

Technical: Python, Flask, JavaScript, HTML/CSS, SQL/PostgreSQL, NumPy, Matplotlib, REST/JSON APIs and regular expressions.

Research: literature reviews, economic modelling, policy research, company filings, quantitative synthesis and source verification.

Availability: willing to relocate and travel.