

# Panos Antonopoulos

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## Awards

### The University of Edinburgh

- Neil Arnott Prize for ranking top of cohort in Year 4
- Year 4 Physics Senior Honours Class Medal
- Neil Arnott Scholarship for ranking top of cohort in Year 3
- Year 3 Physics Junior Honours Class Medal
- Year 1 & 2 Pre-Honours Certificates of Merit

## Skills

### Programming

Python (NumPy, SciPy, Matplotlib, Scikit-learn, Pandas, Skimage, tensorflow, PyTorch), C++

### Other Technical

Data Science, Machine Learning & AI, Software Development, Linux Bash Scripting, Docker, Jupyter Notebooks, LaTeX, Git, CI/CD processes, Microsoft Office

### Soft Skills

Problem Solving, Report writing, Presenting, Time Management, Teamwork

## Education

### University of Cambridge

Cambridge, UK

MPhil in Data Intensive Science (on track for Distinction, current 78% average)

Oct 2024 - Jul 2025

- Thesis:** Using Satellite Multispectral Data to Monitor Vegetation Trends as a Result of Climate Change
- Courses:** Statistics, Machine Learning, Research Computing and Software Development, Deep Learning, High Performance Computing, Medical Imaging, Image Analysis

### The University of Edinburgh

Edinburgh, UK

BSc (Hons) in Physics, First Class Honours (83% overall grade)

Sept 2020 - May 2024

- Ranked top of cohort for overall degree
- Thesis:** Investigating the Multiplicity of Neutron Interactions in the LUX-ZEPLIN Dark Matter Detector
- Courses:** Electromagnetism, Quantum Mechanics, Thermal Physics, Condensed Matter Physics, Relativity, Nuclear and Particle Physics, Medical Physics, Fourier Analysis and Statistics, Dynamics and Vector Calculus, Linear Algebra and Several Variable Calculus, Modelling and Visualisation in Physics, Data Acquisition and Handling, Scientific Image Analysis, Numerical Recipes, Computer Simulation

## Work Experience

### Lucy Cavendish College, University of Cambridge

Cambridge, UK

Future Global Leaders Programme

Oct 2024 - Current

- Enhancing leadership skills, critical thinking, and problem-solving abilities through real-world projects focused on the UN's Sustainable Development Goals
- Learning how my studies apply outside academia through visits to Arm and AstraZeneca

### Self Employed

Edinburgh, UK

Mathematics & Science Tutor

Jun 2021 - Jul 2024

- Helping students understand concepts and prepare for assessments

## Hobbies & Interests

- Researching and investing in the equity market
- Keeping up to date with global affairs, politics and international relations
- Running, swimming, hiking and dog walking