

Euan Baldwin

euanbaldwin@gmail.com, <https://euanbaldwin.github.io>, +44 7397 157104

Personal Summary

I am a First-Class MSc Robotics graduate with a First-Class BSc in Physics, with a strong foundation in analytical problem-solving, programming, and technical research. Through my academic and project work, I have developed experience in machine learning, robotics autonomy, verification and validation, and interpretability, as well as a rigorous approach to designing experiments, analysing results, and communicating technical findings clearly. I am now looking to apply this background in AI safety, where I am particularly interested in contributing to work on alignment, robustness, and reducing risks from advanced AI systems.

Education

University of Manchester

- **MSc, Robotics**, First Class (Hons): Including modules in Machine Learning, Software for Robotics, Robotic Vision, and a dissertation titled “Corroborative Verification and Validation of an Autonomous Warehouse Inspection Robot Using High-Fidelity Simulation and Probabilistic Model Checking” **2024 – 2025**
- **BSc, Physics**, First Class (Hons): Including modules in Object Orientated Programming in C++, Particle Physics, Applications of Quantum Physics & Computational Physics **2021 – 2024**

Abingdon School

Year 9 – Year 13

- A-level: Mathematics A*, Further Mathematics A, Physics A*, Geography A*
- iGCSE: English Language A/A, English Literature A/A, Mathematics 9/9, Physics 9/9, Chemistry 9/9, Biology 9/9, German 8/9, Geography 9/9, History 9/9 & Computer Science 9/9
- FMSQ: Additional Mathematics A/A

St. Andrew's School

Nursery – Year 8

- Common Entrance Examination: 8 A's & 2 B's

Work Experience

The Corrie Hotel – 6 months	2022 - 2023
Nando's Ltd – 1 week	Year 13
PricewaterhouseCoopers – 1 week	Year 13
The Royal National Theatre – 1 week	Year 13

Extra-Curricular Activities

BlueDot Technical AI Safety Course	2026
Effective Altruism Manchester	
• Chair	2024 – 2025
• Events Officer	2022 – 2024
Extended Project Qualification	Year 12 - Year 13
• “Why we should strive for gender equality in Physics: looking beyond the moral imperative”	
• Achieved an A*	

Extension Physics **Year 13**
Extension Chemistry **Year 13**
Blott-Matthew's Challenge **Year 13**

- Highly commended project
- Prize for best presented

Beamline For Schools **Year 13**
RI Maths Masterclass **Year 12**

- Devised and taught a series of maths masterclasses to disadvantaged pupils

Eco Committee **Year 11**

- Introduced a more widespread and comprehensive recycling system at Abingdon
- Assisted Sodexo (school food supplier) to tackle food waste and decrease water usage

Charities Committee **Year 10 – Year 13**

- Served as chair of the committee from Year 11 – Year 13
- Created charity events such as the sponsored walk in 2019 (which raised £40,000)
- Head of Abingdon Charity Tuck Shop – Turned the enterprise from being loss-making into delivering £3,000 per year to charity

Young Enterprise **Year 8**

Hobbies/Interests

- A keen traveller & qualified PADI Advanced Diver
- Swam the length of the Panama Canal (73km in a pool) and raised £2,136
- Interested in politics and a member of all the main political parties

Referees

Prof. Simon Watson

MSc Robotics Course Leader

simon.watson@manchester.ac.uk

Isobella Taylor

Previous Chair of EA Manchester

taylorisobella@gmail.com