

# Euan Baldwin

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## Personal Summary

As an enthusiastic Robotics MSc student at the University of Manchester with a background in physics, I am dedicated to exploring the intersections of intelligent systems, automation, and human-machine collaboration. My solid foundation in physics underpins my approach to understanding and developing robotic solutions. I have a keen interest in advancing autonomous systems and applying innovative technologies to address complex challenges. As chair of Effective Altruism Manchester, I am committed to aligning my technical pursuits with initiatives that maximise positive global impact.

## Education

### University of Manchester

- MSc, Robotics 2024 – Present
- BSc, Physics, First Class (Hons): Including advanced modules in Object Orientated Programming in C++, Particle Physics, Applications of Quantum Physics, Physics & Reality, Electromagnetic Radiation and Computational Physics 2021 – 2024

### Abingdon School

- 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

Year 9 – Year 13

### St. Andrew's School

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

Nursery – Year 8

## 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

### Effective Altruism Manchester

- Chair 2024 – Present
- Events Officer 2023 – 2024
- Committee Member 2022 – Present

### 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 – since becoming head I turned the enterprise from being loss-making into delivering £3,000 per year to charity

**Young Enterprise** **Year 8**

**Hobbies/Interests**

- Swam the length of the Panama Canal (73km in a pool) and raised £2,136 for Target Ovarian Cancer
- A member of the Conservative, Labour and Liberal Democrat Party
- Qualified PADI Advanced Diver

**Referees**

Dr. Marcelo Lozada-Hidalgo

Senior Lecturer

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**Isobella Taylor**

Previous Chair of EA Manchester

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