
EDUCATION

University of Oxford (Balliol College)

Master of Mathematical and Theoretical Physics (MMathPhys)

OCT 2025 – JUN 2026

Bachelor of Arts (BA), First Class Honours (Physics)

OCT 2022 – JUN 2025

- 2025 and 2024 Scott Prizes for ranking 1st (both years) in cohort of ~200 physics students.
- 2024-25 Sir William Markby Scholar of Balliol College for first-class exam performance (WAM 93%).
- 2024 Conroy Prize from Balliol College for performance in physics subjects.
- 2023-24 Levitan Exhibitioner of Balliol College for first-class exam performance (WAM 88%).
- 2023 Practicals Commendation for excellence in laboratory work. 96% in second-year practicals.
- 2023 Ken Allen Prize for best practical work performance of Balliol College first-year physicists.

University of Queensland (UQ), *BAdvFin&Econ(Hons)*

2021 – 2021

- Completed first year of studies at UQ. Maintained perfect GPA of 7 (WAM 97%).
- UQ Vice-Chancellor's Scholar and Andrew N. Liveris Academy for Innovation and Leadership Scholar.

Queensland Academy for Science Mathematics and Technology (QASMT)

International Baccalaureate (IB) Diploma

2018 – 2020

- Academy Dux and Valedictorian with perfect IB 45 score (99.95 national percentile).
- QCAA Distinguished Academic Achiever (best Queensland IB student) in 2020 QCE Awards.
- Queensland awards for school scientific reports: Science Teachers Association of Queensland Awards 2020 (1st place in both Senior Science & Senior Maths divisions); Australian Acoustical Society Queensland (Acoustical Bursary 2020); Australian Institute of Physics (Certificate of Excellence 2020); Royal Australian Chemical Institute (Senior Prize 2020).

Brisbane Grammar School (2014 – 2017) and Anglican Church Grammar School (2009-2013)

WORK & RESEARCH

Department of Physics, University of Oxford

Research Assistant, Oxford Ion Trap Quantum Computing Group

JUL 2025 – SEP 2025

- Developing automated optical alignment procedures with a hexapod to couple single spontaneously emitted photons with high numerical aperture into V-groove fibre arrays.

Research Assistant, PaMIR Group

JUL 2024 – SEP 2024

- Developing novel methods for measuring nanometre-scale optical displacements of fast targets and creating commercially viable instruments which employ these methods.

Crimson Education, QASMT & Anglican Church Grammar School, *IB Tutor*

JAN 2021 – DEC 2024

- Providing study skills and academic support to high-performing Australian senior school physics students.
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LEADERSHIP & ACTIVITIES

- President of Balliol College Undergraduate Research Physics Society 2024-25.
 - UQ Financial Management Association of Australia (FMAA) Marketing Director 2021.
 - QASMT Academy Captain 2020; QASMT Science Ambassador 2019.
 - AMEB Voice and Communication Certificate (High Distinction), Daphne Roemermann Memorial Award for highest score in Queensland 2018.
 - Balliol College rowing, rock-climbing and running; life member of the Oxford Union Society.
 - Liturgical assistant and member of Synod for Anglican Church of Southern Queensland.
 - Proficiency programming in Python, MATLAB and Wolfram Mathematica. Basic C++ proficiency.
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