

Afonso Moreira

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EDUCATION

BSc(Hons) Mathematics

University of the West of England

Grade: *First Class*.

Sept. 2023 – June 2026

Dissertation Title: *The Heisenberg Group: An Algebraic Perspective*.

Supervisor: Dr. Tim Swift.

EXPERIENCE

Maths Tutor

January 2025 – Present

Self-Employed

Bristol, UK.

- Provided one-to-one tutoring to A-Level and GCSE students (AQA and Edexcel), emphasising on problem solving techniques and mathematical intuition. This allowed me to further develop my mathematical communication skills.

Alento

June 2025 – August 2025

Intern Secretary

Beja, Portugal.

- Maintained accurate organisational records for a non-profit organisation focussing on providing CPR courses.
- Gained professional communication skills by responding to enquiries regarding courses via email and provided daily administrative support such as booking venues and scheduling meetings.

CONFERENCES AND SEMINARS

London Maths Society Summer School

2025

- * A competitive two-week course aimed at the best UK mathematics undergraduates.

Tomorrow's Mathematicians Today 2025

2025

- * Gaining insight into contemporary mathematical research while developing professional networking skills and exposure to academic presentations.

AWARDS

IMA Graduate Prize Awarded for the best academic performance of my cohort in my undergraduate studies.

2026

OUTREACH

City of Bristol College Speaker

16th Jan. 2025

Volunteer Speaker

Bristol

- * Volunteered to inspire A-Level students on their journey to higher education, specifically those interested in studying mathematics at university level.

CODING SKILLS

Languages: Python, R, LaTeX, MATLAB.

Libraries: NumPy, SymPy, SciPy, Matplotlib, Scikit-learn, Gurobi.

Developer Tools: SPSS, Minitab, Jupyter, PyTorch, Git, MS Office.

LANGUAGES

Native proficiency in English and Portuguese.