Personal info

📞 07402104838

✉ adam@junction42.com

📍 Bristol

Links

in LinkedIn

○ Github Repo

</> Project Website

Skills

Advanced Problem Solving

Mathematical and Data Modelling

Engineering and Physics Principals

Programming and Scientific Computing

Team Player (Leading and Supporting)

Programming Languages

Proficient
- ○ Python
- ○ MATLAB
- ○ LATEX
- ○ Git

Experienced
- ○ C
- ○ HTML and CSS
- ○ SQL

Languages

🅰 English

🅰 Welsh

ADAM MORRIS

MEng - Engineering Mathematics

Recent engineering graduate with a master's degree in Engineering Mathematics, combining mathematical theory, practical engineering and scientific computing skills to solve real-world problems. Seeking an opportunity to apply expertise and make a meaningful impact in the field. Passionate about embracing emerging technologies, such as Artificial Intelligence and Robotics systems. Strong work ethic, detail-oriented, and committed to delivering high-quality results. Eager to contribute to innovative projects and further develop as a professional engineer.

Work Experience

University of Bristol, Demonstrator *October 2023 - Present*

Teaching assistant role aiding 2nd year Engineering Mathematics students in their Mathematical and Data Modelling II projects.

SportsViz, Research Engineer *June 2023 - October 2023*

Research project investigating the impact of novel data interpretation and artificial intelligence on elite sports performance analysis with the Football association of Wales (FAW).

Education

University of Bristol, Bristol — *Masters of Engineering Mathematics (MEng)*

September 2020 - July 2024

Engineering Mathematics, Discrete Mathematics, Engineering Physics, Applied Linear Algebra, Control Theory, Optimisation Theory, Advanced Non-linear Dynamics and Chaos
Mathematics and Data Modelling, Data Science, Applied Statistics, Transport and Mobility Modelling, Mathematical Modelling in Physiology and Medicine, Uncertainty Modelling for Intelligent Systems,
Introduction and Further Computer Programming, Numerical Methods in MATLAB, C for embedded systems, Scientific Computing, Artificial Intelligence, Bio-Inspired AI, Robotics, Principles of Professional Practice

Ysgol Gymreag Ystalyfera Bro Dur, Ystalyfera - *A-Levels*

September 2017 - June 2019

Mathematics - A*   Further Mathematics - A   Physics - A   Computer Science - A   Welsh Baccalaureate - A