

## Personal info

📞 07402104838  
✉ adam@junction42.com  
📍 Bristol

## Links

🌐 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 2<sup>nd</sup> 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, Technical Project

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 Gymraeg Ystalyfera Bro Dur, Ystalyfera - *A-Levels*

*September 2017 - June 2019*

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