

Jack Martin Bunyan

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Personal Statement:

Having always been enthusiastic for technology, I have built my education around the studies of mathematics and computer science; the two most intrinsic for work in this field. I have always driven myself to learn more and feel that each challenge it brings motivates me to do better. Outside of this, I enjoy team sports but, in particular, I am a black belt and coach at my local Ju-Jitsu club which required commitment and dedication to achieve. I thrive collaborating with a team and revel in overcoming the difficulties that leadership presents.

Qualifications:

Bachelor's Degree (University of Bristol):

Currently studying for a degree in Mathematics and Computer Science (BSc). Predicted a First-Class degree based on current unit results from my first year. At the moment, I am extremely interested in data science and machine learning modules as the concepts of artificial intelligence fascinate me.

A Levels:

- Computer Science – A*
- Mathematics – A*
- Further Mathematics – A*
- Physics – A*

GCSEs:

- Mathematics – 9 (A**)
- Computer Science – 9 (A**)
- Physics – 9 (A**)
- Chemistry – 9 (A**)
- Biology – 9 (A**)
- English Language – 9 (A**)
- Electronic Products – 7 (A)
- English Literature – 7 (A)
- French – 7 (A)

Other:

- BJJ Black Belt Shodan
- Level 1 BJJ Coaching Qualification

Projects:

- **Route Finding Software for William de Ferrers School** – an implementation of bi-directional Dijkstra's algorithm in Python to provide a tool for inexperienced staff to search for direct routes between classes.
- **Video Streaming Web App for the University of Bristol's work with The Grand Appeal** – part of a team that developed a video link between two interactive sculptures based on Aardman's famous character, Gromit. Implemented using a Java Spring Boot backend with a REACT app frontend.

Experience:

- IT Work for a Chartered Surveyor, Thomas Dempsey (March 2018 – October 2018)
 - Use of Microsoft Office to take meeting minutes and manipulate data within spreadsheets to generate reports
- Work shadowing at data management company DTSQUARED (June 2019)
 - Using Snowflake, a data warehouse software, learning Data Governance principles and storage solutions
- Coaching in a Martial Arts Class (September 2017 – Ongoing)
 - Valuable team working skills and ability to lead a group
- Maths Tutoring for William de Ferrers School (October 2020 – March 2021)
 - Teaching skills and encouraging participation in students