Bryce McHugh

[Website]● [Email] ● [LinkedIn]

Education

- **MEng** Discrete Mathematics – University of Warwick (Sept. 2019 – June 2023)
  - 1st class. Including modules in: Quantum Computing, Data Mining, Approximation and Randomised Algorithms, Machine Learning and Complexity of Algorithms
- **A Levels** – Dover Grammar School (Sept. 2017 - June 2019):
  - A* in Mathematics, A in Further Mathematics and Physics, B in EPQ, C in Film Studies and a Merit in the Maths Advanced extension
- **GCSEs** - Dover Grammar School (Sept. 2015 - June 2017)
  - 11 GCSES including a 9 in Maths and an A in Computer Science

Technical Skills

- Programming in Java, Python, B, Prolog, C, HTML and MATLAB
- Strong Algorithmic design and analysis skill
- Mathematical and statistical modelling
- Proficiency in Word, Excel and PowerPoint

Past work experience

- Customer assistant – Tesco (Apr. 2020 – Aug. 2020)
  - Collecting and organising items for delivery or collection. Honed skills of teamwork, working quickly and accurately as well as customer service skills
- Bar Staff – Royal Oak (December 2019)
  - Worked behind bar serving drinks, taking food orders and cleaning during peak hours. Developed the ability to multi-task whilst providing efficient customer service and maintaining clean workstations
- Maths Teaching assistant – Duke of York's Royal military school (Nov. 2018 – March 2019)
  - Provided individual support to students who struggled with following the teacher's initial explanation of given concepts and provided additional tailored and concise explanations to improve the student's understanding

Extracurricular activities

- Technician for Student Theatre
  - Worked as Sound designer and Technical Manager for several student shows at Warwick University whilst studying. Helped with leaderships, organisation and fostering an adaptable working strategy
- Vice president for Tech Crew
  - Maintained equipment, coordinate, and set up equipment hires and facilitated additional help for the president in running the society.

References available upon request