Jack Morrison

Contact information can be supplied upon request

Education

- **Imperial College London**   **2017 - 2021**
  Masters of Engineering in Computing
  Modules Studied – Logic, Discrete Structures, Programming (Haskell, Java & C), Mathematical Methods, Hardware, Architecture, Reasoning About Programs, Graphs & Algorithms, Databases
- **Westcliff High School for Boys**   **2015 - 2017**
  A Levels *(Mathematics, Further Mathematics, Computing, Physics)* - 4 A*
  EPQ *(Computer-Assisted Proofs)* - A
- **The Billericay School**   **2010 - 2015**
  GCSEs – 11 A* - A

Experience

Facebook *Hack-A-Project*   **October 2018 – November 2018**
I am currently participating in an extended hackathon at Facebook with the goal of creating an application to "Bring Communities Together".

MyTutor *Maths and Computing Tutor*   **June 2018 – Present**
I currently tutor students online for mathematics and computing in my free time.

360 Play *Play Team Member*   **November 2015 – June 2016**
Whilst working here, I spent lots of time around children and interacting with the general public.

Projects

ARM11 Processor & C Snake Game   **May 2018 – June 2018**
In a group of 4, we created an emulator and assembler for an ARM11 processor. We then completed an extension which was an implementation of the game snake on an LED matrix, written in C, running on a Raspberry Pi. This received the best extension prize awarded by the founders of Raspberry Pi.

Deep Learning in Medical Imaging Analysis   **January 2018 – March 2018**
This project was undertaken as my first year group project, and involved creating a website discussing the uses of Artificial Intelligence in Medical Imaging Analysis.

To What Extent are Computer-Assisted Proofs Valid?   **September 2016 – May 2017**
This project was completed as my Extended Project during my A Level studies, and discussed the controversy over computer-assisted proofs. If interested a link to it can be found on my LinkedIn page.

Technical Experience

Languages: (Good) Java, Swift, HTML, CSS, C   (**Familiar**) Haskell, Python, JavaScript, C++   **Tools:** Git, Vim

Skills and Interests

German Language Proficiency
Currently Working towards A2+ standard of the Common European Framework of Reference.

Web Design
I have created websites for companies, increasing my familiarity with HTML, CSS, JavaScript and PHP.

ABRSM Grade 4 Piano
I enjoy playing the piano, especially Jazz music, and have completed up to grade 4 as of 2017.

References can be supplied upon request