Jack Morrison

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Education

Imperial College London, *MEng Computing*   2017 – 2021
Third Year Student
1st & 2nd Year Grades: First (76.68% average)

Westcliff High School for Boys, *Sixth Form*   2015 – 2017
A Levels (*Mathematics, Further Mathematics, Computing, Physics*): 4 A*
EPQ (*Computer-Assisted Proofs*): A

Professional Experience

Nextjump, *Software Engineering Intern*   06/2019 – 09/2019
- Worked on the online platform PerksAtWork using PHP, JavaScript and Go
- Managed & worked on many projects which were deployed to millions of users
- Used the scrum agile methodology, working in 3-week sprints
- Ran the UK Office's 'Adopt-a-School' scheme, teaching robotics, teamwork and public speaking to underprivileged children

MyTutor, *Maths and Computing Tutor*   06/2018 – 06/2019
- Tutored A-Level students online for mathematics and computing

Facebook, *Hack-a-Project*   10/2018 – 11/2018
- Participated in an programme at Facebook with the goal of creating an application to "Bring Communities Together"
- Created MentorMe, a mentoring app made in JavaScript using React and Node.js
- Worked in short 1-week sprints with students from other universities

Projects

Burst My Bubble   05/2019 – 06/2019
- Created a webapp using React, Python, Java, MongoDB and Microsoft Azure
- Tackled the problem of confirmation bias in the current consumption of the news

WACC   01/2019 – 03/2019
- Created a compiler for our own programming language, written in Kotlin
- Worked in a group of 4 students, using DevOps technologies such as Docker

Deep Learning in Medical Imaging Analysis   01/2018 – 03/2018
- Researched the uses of AI in Medical Imaging Analysis, e.g. Image Segmentation
- Created a website to discuss the findings and practice web development skills

Further info and other projects can be found on the Projects Page of my website

Technical Experience

Proficient Languages: **Familiar Languages:**
Java, Swift, HTML, CSS, C, PHP, JavaScript   *Haskell, Python, C++, Kotlin*

Tools:
Git, Vim, SQL, MongoDB, JUnit, JMock, LaTeX, Docker

Skills

German Language Proficiency
I have achieved B1+ 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.

References can be supplied upon request