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 🔗

TECHNICAL EXPERIENCE

Proficient Languages:
Java, Swift, HTML, CSS, C, PHP, JavaScript

Familiar Languages:
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

PROFESSIONAL EXPERIENCE

Nextjump
Software Engineering Intern 🔗
June 2019 – September 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 🔗
June 2018 – June 2019
• Tutored A-Level students online for mathematics and computing

Facebook
Hack-a-Project 🔗
October 2018 – November 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

Canvas 🔗
October 2019 – January 2020
• Created a collaborative drawing whiteboard application for iOS
• Researched Conflict-free Replicated Data Types (CRDTs)
• Used a mesh network topologies to allow for decentralisation

Burst My Bubble 🔗
May 2019 – June 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 🔗
January 2019 – March 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 🔗
January 2018 – March 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 🔗