

Jack Morrison

Contact information can be supplied upon request

Education

- **Imperial College London** **2017 - Present**
Computing – Second Year
1st & 2nd Year Grade – First (76.68% average)
- **Westcliff High School for Boys** **2015 - 2017**
A Levels (*Mathematics, Further Mathematics, Computing, Physics*) - 4 A*
EPQ (*Computer-Assisted Proofs*) - A

Experience

Nextjump Software Engineering Intern **June 2019 – September 2019**

I worked on the online platform PerksAtWork using PHP, JavaScript and Go. I oversaw many projects which were deployed to millions of users.

MyTutor Maths and Computing Tutor **June 2018 – Present**

I currently tutor students online for mathematics and computing.

Facebook Hack-A-Project **October 2018 – November 2018**

I participated in an programme at Facebook with the goal of creating an application to “Bring Communities Together”, the result being a mentoring app made in JavaScript using React and Node.js.

Projects

Burst My Bubble **May 2019 – June 2019**

This was a webapp created using React, Python, Java, MongoDB and Azure, in order to tackle the problem of confirmation bias in the current consumption of the news.

WACC **January 2019 – March 2019**

This was a second year group project where we created a compiler for a programming language, written in Kotlin.

PintOS **October 2018 – December 2018**

This was a second year group project, where we implemented different parts of an operating system in C, including scheduling, user programs and virtual memory.

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.

Further projects can be found on my LinkedIn page, or the projects page of my website, referenced above

Technical Experience

Languages: (Proficient) Java, Swift, HTML, CSS, C, PHP, JavaScript **(Familiar)** Haskell, Python, C++, Kotlin
Tools: Git, Vim, SQL, MongoDB, JUnit, JMock

Skills and Interests

German Language Proficiency

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