# 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
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*                                                06/2018 – 06/2019
I tutored A-Level students online for mathematics and computing.

**Facebook**, *Hack-a-Project*                                                          10/2018 – 11/2018
I participated in an programme at Facebook with the goal of creating an application
to "Bring Communities Together", the result being MentorMe, a mentoring app made
in JavaScript using React and Node.js.

## Projects

**Burst My Bubble**                                                                     05/2019 – 06/2019
This was a webapp created using React, Python, Java, MongoDB and Azure to
tackle the problem of confirmation bias in the current consumption of the news.

**WACC**                                                                                01/2019 – 03/2019
This was a second year group project where we created a compiler for a
programming language, written in Kotlin.

**Snake Arcade Machine**                                                                05/2018 – 06/2018
For this project we recreated the classic game of *snake* on a 32x32 LED matrix. We
then trained an AI to play the game.

**Deep Learning in Medical Imaging Analysis**                                           01/2018 – 03/2018
This project involved researching the uses of AI in Medical Imaging Analysis, and
creating a website to discuss the findings.

**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*

## 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