



Luke Ely
Student

ABOUT ME:

I grew up in the Lake District and moved to London to study Computing at Imperial College London. I am currently in my second year studying for an MEng and predicted a 1st. I have a large interest in software engineering and web development. I always push myself to achieve the best I can, and I believe my academic records show this. Besides programming I also enjoy playing table tennis and badminton.

CONTACT ME

+447984210633

lukebenjaminely@gmail.com

Flat 36 Askew Mansions,
London, W12 9DA

SOCIAL LINKS

Facebook

<https://www.facebook.com/luke.ely.90>

Twitter

<https://twitter.com/luke142367>

READ MORE

My Website

<https://www.doc.ic.ac.uk/~le2417/Personal-Site/>

ACADEMIC EDUCATION:

Imperial College London

2017-2020

Computing second year

First year result: **1st / 80%**

First year programming mark: **93%**

Achieving a **1st** in 5 modules

A-level - Cockermouth School

Maths – **A*** Further Maths – **A***

Physics – **A*** Computing – A (AS)

GCSE – Cockermouth School

Maths – **A*** Further Maths – **A****

Physics – **A*** Chemistry – **A***

Biology – **A*** Computing – **A***

PE - A English Lang-A

English Lit – B History – B

German - B

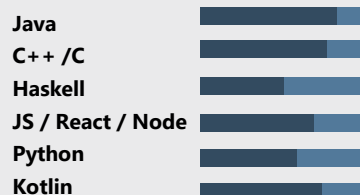
Projects:

ARM Project

This was a group project to write an ARM emulator and assembler in C. We Built a multiplayer console snake game as an extension. For this I wrote a web server to allow players to connect from a web app and an Android app simultaneously. I fully implemented the web server in C and wrote the majority of the code for the android app in Java.

WACC - At University I recently completed a project to build a compiler for a simple language called WACC. As a group we wanted to challenge ourselves to learn a new language, so we chose to complete this project in Kotlin. We also managed to finish this project before it was set which allowed us to spend more time working on optimizations as an extension.

Programming Languages:



WORK EXPERIENCE:

Maths Tutor

2016-2017

I tutored GCSE students to help prepare them for their maths and science GCSEs. Through this I gained valuable helping people to understand concepts and explaining them to people of different levels of understanding

Waiter

2016-2017

I worked for nine months as a waiter at a hotel, Embleton Spa, in the Lake District. This job helped me to develop my communication skills

Sellafield

2014

I spent a week shadowing senior members of the computer systems department at Sellafield Nuclear Plant assisting in developing and testing a specific data recovery protocol.

Pintos

I am currently working on a project at university to develop and extend the features of Pintos, an operating system originally developed by Stanford University. I have led my group in this project assigning each member a section of the work that they can complete. I also took on the hardest parts as an opportunity to push myself.