



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 predicated 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.

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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.

IC HACK 18

At Imperial College London's annual 'hackathon' I worked in a team of 5 people to develop a 2D multiplayer game in 24 hours. For this I wrote the game and client server in Java.

Programming Languages:

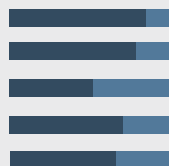
Java

C++ / C

Haskell

JS / React / Node

Python:



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.