

Ian Ren

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Education

Imperial College London, Computing 09/2019 – 06/2022
Bachelor of Engineering (Expected 2:1)

Modules of interest: Logic, Computer Architecture, Databases. Graphs & Algorithms, Reasoning about programs.

Cardiff High School 09/2012 – 06/2019

A-levels: Mathematics A*, Further Mathematics A*
Physics A, Economics A

GCSE's: 11 subjects at A/A*

Experience & Projects

Webmaster, Imperial College Fencing

Managing the online presence of a 100 member club. Maintaining and improving the club website with HTML and JavaScript.

Co-founder & Developer, Clickerance.com 2020

Developed concept of cross platform discovery platform dedicated to dietary preferences & intolerances.

Worked in a team to build a Chrome extension using SQL, JavaScript, HTML and CSS as a Minimum Viable Product looking to raise a seed round.

Pintos Group Project 2020

Implemented scheduling, loading and running user programs and virtual memory for a simple operating system framework for the 80x86 architecture.

ARM Group Project 2020

Implemented an ARM Emulator, Assembler and Command line IDE in C.

Our ARM IDE implemented breakpoints, syntax checking, debugging and printing of the current machine state.

Mathematics Tutor, Cardiff High School 2019

Communicated with younger students to understand their needs. Worked closely with each tutee to improve understanding, resulting in an improvement of their grades by two bands.

Retail Assistant, Office 2018

Received training for effective communication and conflict resolution with customers.

Skills

Java/C (Advanced)

Haskell (Intermediate)

Familiarity with Tools

- Microsoft Office and Adobe Photoshop
- Git and Bash
- LaTeX

SQL (Beginner)

HTML/CSS/JavaScript (Intermediate)

Fluent Mandarin

Fencing

Imperial College Fencing Team Captain 2020
3rd U20 British Championships

1st in Great Britain 2019
2nd U20 British Championships
6th Budapest U20 World Cup

British Fencing Young Athlete of the Year 2018
1st in Europe and Great Britain
U17 GB Team Captain
2nd U17 European Championships
12th U17 World Championships