

Oliver Black

University Of Cambridge Computer Science Student

Education

University of Cambridge / Computer Science BA

2016 - 2019, CAMBRIDGE, UK

One of the most intensive & theoretically grounded Computer Science courses.

Student at Selwyn College & active member of many societies (ABACUS, JCR, etc).

Chinese Language Institute / Mandarin Chinese - HSK 5

2015 - 2016 - 10 MONTHS, GUILIN, CHINA

4 hours 1-on-1 a day immersive course.

Hills Road Sixth Form College / A Levels - 4A*

2013-2015, CAMBRIDGE, UK

Maths, Further Maths, Physics, Computing, EPQ A*, AS Chemistry A, STEP III 2.

Prior Education /

A Level French & Spanish

2010 - 6 MONTHS, VALENCIA, SPAIN

2007 - 6 MONTHS, VENANSULT, FRANCE

Spent 6 months on exchange in France & Spain. After, aged 13-14, achieved A's in A Level oral exams, with a B & C overall (respectively).

Programming (Lines of code)

Java (10,000+) • C (2000+) • SML (1000+) • Pascal (800+) • Verilog (700+) • Matlab (500+) • Python (300+) • JavaScript/Node.js (200+) • Assembly (100+) • SQL • HTML/CSS

Languages

English - Native

Mandarin Chinese - Fluent (CEFR C1)

French & Spanish - Ex-Fluent

Hobbies & Other

Wing Chun • Skiing • Sailing • Squash • Table Tennis • Cycling • Rowing • Board Games

Gold Duke of Edinburgh Award

Oliver Black

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Employment History

Solarflare / Software Development Intern (Paid)

SUMMER 2018 - 2 MONTHS, CAMBRIDGE, UK

Benchmarking & testing Node.js on Solarflare's userspace network stack, Onload.

Kynesim / Software Development Intern (Paid)

SUMMER 2017 - 1 MONTH,

SUMMER 2016 - 2 MONTHS,

SUMMER 2014 - 2 WEEKS, CAMBRIDGE, UK

Varied embedded projects in C & Java (Android), from proofs of concept, to components of larger projects, to full client-facing projects. Technologies include: Bluetooth LE, Microwave FMCW, & CAN.

Projects

Part II Individual Project / Software IPv6 Router in Rust

2018-2019, CAMBRIDGE, UK

In 3rd year students undertake a technical research-style project.

Currently working on implementing a software IPv6 router using Rust.

Part IB Group Project / Energy Budget

2017-2018, CAMBRIDGE, UK

In 2nd year students work in teams of 6 on a project for a client in industry.

Making use of Informetis' cloud API to display home energy consumption to users in a motivating & informative app. Client: Informetis

Project voted "Most Likely To Change The World" by a board of industry figures & professors, 1 of 3 awards (Runner-up for "Most Professional").

Computing A Level Individual Project / Rules Engine

2014-2015, CAMBRIDGE, UK

An event-driven finite-state machine library in Java on Android, aimed at home automation. Greatly improved my Java skills throughout this challenging A level project. Client: Kynesim

Extended Project Qualification / College Planner

2014-2015, CAMBRIDGE, UK

Developed a timetable & homework app, based on research of fellow students requirements. Taught myself Java & Android from scratch, inspiring me to study Computer Science. The app is available here.

Get in touch if you have any questions.

[LinkedIn](#)•[Facebook](#)•[Medium](#)•[GitHub](#)•[StackExchange](#)•[Twitter](#)•[Weibo](#)

Links

Many words on the previous page are hyperlinks - key ones copied here

Solarflare / Software Development Intern (Paid) - <https://www.solarflare.com/>

Kynesim / Software Development Intern (Paid) - <https://www.kynesim.com/>

Part II Individual Project / Software IPv6 Router in Rust -
<https://drive.google.com/drive/folders/1jPnY5CV3edi7Hsf39VEZqTC42gclGr6R?usp=sharing>

Part IB Group Project / Energy Budget -
<https://drive.google.com/drive/folders/1M3AimtP78BVywjFFH9P1OQaP9BCn6lJN?usp=sharing>

Computing A Level Individual Project / Rules Engine -
<https://drive.google.com/drive/folders/0BybkusX7hwHjYzhMaXF4MDQzQkk?usp=sharing>

Extended Project Qualification / College Planner -
<https://drive.google.com/drive/folders/0BybkusX7hwHjYzhMaXF4MDQzQkk?usp=sharing>

Play Store - <https://play.google.com/store/apps/details?id=com.ollieapps.collegeplanner>

University of Cambridge / Computer Science BA - <http://www.cl.cam.ac.uk/>

LinkedIn - <https://www.linkedin.com/in/ollie299792458/>

Facebook - <https://www.facebook.com/ollie299792458>

Medium - <https://medium.com/@oliver.black.uk>

GitHub - <https://github.com/ollie299792458>

StackExchange - <https://stackexchange.com/users/4291133/ollie299792458>

Twitter - <https://twitter.com/ollie299792458>

Weibo - <http://weibo.com/u/6511118702>