

## Education

2019 - Present

Cambridge, UK

### University of Cambridge

- BA Hons degree in Computer Science
- Expected year of graduation 2022

2012 - 2019

London, UK

### JFS School

A Levels:

- A\* Computer Science
- A\* Further Maths
- A\* Physics
- A\* Maths

GCSEs:

- 11 x A\*

## Skills

### Languages & Frameworks

Rust, Java, Python, OCaml, Javascript/  
Typescript, HTML/CSS, React, SQL, Linux  
Command Line

### Hard Skills

Algorithms, Data structures, Mathematics,  
Server development, Databases, Web  
development, Graphic design, Git

### Soft Skills

Critical thinking, Problem solving,  
Communication, Focussed, Inquisitive

## Projects

 OCaml

### oregex

A regex engine implemented by compiling strings  
to a regex type then converting to a lazy NFA  
which is traversed to find matches.

 Rust

### rcrawl

A command line utility which recursively searches  
the file tree for a named file or directory.

 Python

### The Virtual Agronomist

A chatbot trained to answer agronomy questions  
from farmers in natural language. Made in  
collaboration with NIAB.

## Work Experience

October - December 2020

London, UK

### CUJS President

- President of Cambridge University Jewish  
Society - the 2nd most active student society.
- Managed a committee of 20+ people to arrange  
weekly events for hundreds of students and  
deal with external and administrative issues.

August 2018

Enfield, UK

### Metaswitch

- Worked with the Orchestration team  
designing software in Rust.
- Experienced working in an agile  
development environment.

August 2018

London, UK

### Natixis Bank

- Shadowed the IT department learning  
about the technology and software  
powering investment banking.
- Learnt about networking, server  
management, software deployment and  
effective communication strategies.

## Hobbies

Beatboxing - Lead beatboxer in the a capella group Cadenza

Bouldering - Go indoor rock climbing twice a week

Graphic Design - Design for multiple university societies