

# Oliver Fogelin

+44 7399 076680 | [of284@cam.ac.uk](mailto:of284@cam.ac.uk) | [olifog.com](http://olifog.com) | [linkedin.com/in/fogelin](https://linkedin.com/in/fogelin) | [github.com/olifog](https://github.com/olifog)

## EDUCATION

---

### University of Cambridge

Cambridge, Cambridgeshire

*Bachelor of Arts in Computer Science*

*Sep. 2023 – Present*

- Ranked 41/121 in first year examinations, top 10 for Algorithms and Probability/Statistics
- Treasurer of the Cambridge University AI Society
- Founding member of the current #1 UK CTF Hacking team (MEOW5)
- Member of the CU Competitive Programming Society and regular participant in game theory contests

### Churcher's College

Petersfield, Hampshire

*A Levels and GCSEs*

*Sep. 2015 – June 2022*

- Achieved A\*A\*A\*A\*A in Mathematics, Further Maths, English Literature, Biology, and AS Computer Science

## EXPERIENCE

---

### Software Engineer

Nov. 2022 – Sep. 2023

*Worldover*

*London*

- Hired as the founding full-stack software engineer at a VC-backed tech startup
- Architected the BE, FE, and infrastructure, contributing towards major product decisions
- Worked closely on the data model, modelling highly intricate graph data in AWS DynamoDB/Neptune and building cross-stack libraries to manage it
- Set up and managed our APIGateway, Lambda, Amplify, and CloudFormation infrastructure
- Patched the AWS CDK to allow for deploying highly nested CloudFormation stacks in local development
- Built numerous features for our NextJS/Typescript/Recoil webapp, working with Figma and Tailwind
- Wrote extensive documentation and on-boarded/mentored new team members as we scaled up to 8 engineers

### Software Engineer

June 2019 – Present

*Foggle Ltd.*

- Provide full-stack web and software solutions to clients as a freelance contractor
- Requires hugely varied skill-sets; one project involved debugging an LED sign's firmware over Wireshark, reverse-engineering it with the only documentation written in Mandarin
- Clients include the British Physics Olympiad, AppyWay, NotchNet, and dozens of others, generally involving working with Typescript, Python, React, and AWS Services

### Co-Founder and Technical Lead

Oct. 2019 – April 2021

*Share A Smile Today*

- Co-founded a business with a friend during the Covid lockdown allowing small local storefronts to pivot online
- Created a voucher scanning/issuing system, a customer-facing ecommerce site, and storefront admin pages
- Built using NextJS, React, Express, Python, FastAPI, Docker, MongoDB, Redis
- Scaled up to working with 15+ local businesses and turning a profit

## AWARDS

---

**Google Code In**, worked with the R Foundation and placed as a Grand Finalist internationally

*2019*

**Oxford University Computing Challenge**, top 20 nationally two years running

*2020, 2021*

**Cyber Discovery**, won the invite-only Elite CTF finals

*2019*

**Lockheed Martin CodeQuest**, led team to first place nationally every year for three years

*2018-2021*

## TECHNICAL SKILLS

---

**Fluent Languages:** Typescript, Python, Javascript, Java, HTML/CSS, SQL

**Comfortable Languages:** OCaml, C++, R

**Web Technologies:** React, NextJS, tRPC, Recoil, Jest, Storybook, Cypress, FastAPI, Flask, TailwindCSS

**General Technologies:** Docker, Linux, AWS, Git, Redis, MongoDB, PostgreSQL