

# Oliver Fogelin

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## EDUCATION

### University of Cambridge

Cambridge, Cambridgeshire

*Bachelor of Arts in Computer Science*

*Sep. 2023 – Present*

- Treasurer of the Cambridge University AI Society
- Founding member of the current #1 UK CTF Hacking team (MEOW5)

## EXPERIENCE

### Software Engineer

Jan. 2024 – Current

*Iterate*

*London*

- Founding team at [iterate.com](https://iterate.com) part-time while at uni, automating ops for early stage startups. Funded by OpenAI, Garry Tan, Index, Naval, and more. Founded by ex Monzo CTO/Co-Founder
- Building and architecting full-stack with Typescript, React, Cloudflare Workers/Workers for Platforms/D1

### Software Engineer Intern

Aug. 2024 – Oct. 2024

*ReactWise (YC S24)*

*San Francisco*

- Built the BE, FE, and infrastructure for a reaction optimisation software startup backed by Y Combinator
- Over the course of the internship, I took us from zero product to our product being used by Pfizer

### 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 AWS APIGateway, Lambda, Amplify, and CloudFormation infrastructure
- Built numerous features for our NextJS/Typescript/Recoil webapp, working with Figma and Tailwind

### 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
- 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