Oliver Fogelin

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Triple citizen (US, UK, Australia) with full work rights in all three countries

EDUCATION

University of Cambridge   Cambridge, Cambridgeshire
Bachelor of Arts in Computer Science   *Sep. 2023 – Present*

- Treasurer of the Cambridge University AI Society
- Built a revision tool, tripos.pro, used by over half of the current CS cohort
- Founding member of the current #1 UK CTF Hacking team (MEOW5)

EXPERIENCE

Software Engineer Intern   June 2025 – Current
Jump Trading   *London*

Y Combinator Summer Fellows Grant Recipient   June 2025 – Current
Y Combinator   *San Francisco*

- Chosen as one of 27 undergrads internationally from over 10,000 applications for a $20k grant
- Building a hybrid graph-vector database in C++, inspired by DiskANN/capnproto/Milvus

Software Engineer   Jan. 2025 – June 2025
Iterate   *London*

- Founding team at iterate.com part-time while at uni, automating ops for early stage startups. Funded by OpenAI, Garry Tan, Index Ventures, 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 YC batch, I took us from zero product to our product being used by Pfizer

Founding Engineer   Nov. 2022 – Sep. 2023
Worldover   *London*

- Hired as the founding full-stack software engineer at a startup backed by Index Ventures
- 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
- 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 – Nov. 2022
Foggle Ltd.

- Provided full-stack web and software solutions to clients as a freelance contractor
- Required 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 included the British Physics Olympiad, AppyWay, NotchNet, and dozens of others

AWARDS

Google Code In, worked with the R Foundation and placed as a Grand Finalist internationally	*2019*
Cyber Discovery, won the invite-only 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, HTML/CSS, SQL
Comfortable Languages: OCaml, C++, Java, R
Web Technologies: React, NextJS, tRPC, Recoil, Jest, Storybook, Cypress, FastAPI, Flask, TailwindCSS
General Technologies: Docker, Linux, AWS, Git, Redis, MongoDB, PostgreSQL