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*
- Built a study tool, tripos.pro, used by over half of the current CS cohort
- Co-Founder and Treasurer of the Cambridge University AI Society

EXPERIENCE

Software Engineer Intern — June 2025 – Sep. 2025
Jump Trading — *London*

Y Combinator Summer Fellows Grant Recipient — June 2025 – Aug. 2025
Y Combinator
- Chosen as one of 29 undergrads internationally from over 10,000 applications for a $20k grant
- Built stardust, an open-source hybrid graph-vector database in C++ built on top of LMDB and Cap'n Proto. Fast, lightweight, with prebuilt Python/Typescript examples + SDKs for GraphRAG and graph visualization

Software Engineer — Jan. 2025 – June 2025
Iterate — *London*
- Founding team at iterate.com part-time while at uni, building agents and agent infra for early-stage startups. Funded by OpenAI, Garry Tan, Index Ventures, Naval, and more. Founded by ex Monzo CTO/Co-Founder
- Built and architected 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 (EF, Index Ventures) — *London*
- Led development of the Python backend and NextJS/Typescript/Recoil webapp
- 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

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++, Go, Java, R
Web Technologies: React, NextJS, tRPC, Recoil, Jest, Storybook, Cypress, FastAPI, Flask, TailwindCSS
General Technologies: Docker, Kubernetes, Linux, AWS, Git, Redis, MongoDB, PostgreSQL