

Andrew J. Young

andrewjunyoung1@gmail.com • linkedin.com/in/andrewjunyoung/

BEng Mathematics and Computer Science, Imperial College London (2016-2019)

Experience

Amazon Web Services (AWS)

New York, NY

Lead Software Developer, Telco Prototyping

Jun 2022 - Present

- Manage a team of 6 software devs, run customer discovery, prioritize and plan projects to align with business priorities. Report to head of Telco Emerging Technologies
- Research & decide what new products and solutions to build, and allocate resources
- Develop software solutions for global telcos, as an individual contributor over 12-week projects
- Double down on successful projects to develop these into full solutions & scale across customers.

Tech: GenAI/LLMs, ML, Networks, Speech-to-speech models, Model training, Root Cause Analysis. Also: OSS/BSS, 5G, 6G, Cloud Infra, Data Mesh, AWS

Gordian Software

New York, NY

Technical Project Manager

Feb 2022 - Jun 2022

- Built software enabling travel companies to launch product offerings, specialized in flight ancillaries including seats, bags, priority boarding
- Led end-to-end software development, development of new products, discovery and fixing revenue leakage and outages, ran hiring, and managed a team of 3 developers

Tech: Python, SQL, PostgreSQL, GDS, REST APIs, AWS Cloud Infra

Entrepreneur First

Toronto, Canada

CTO in residence

Sep 2021 - Jan 2022

- Built frictionless mobile checkout experience for quick service businesses using "apps that don't need to be downloaded to be used".
- As part of an accelerator cohort of 200, I built a company with my cofounder.
- Drove customer discovery and technical implementation as a co-founder

Tech: Web Apps, Mobile (iOS/Android), Swift, Kotlin, Java, Browser, Payments, Vision, REST, AWS

Sierra Compute Ltd

London, UK

CEO / CTO

Jan 2021 - Nov 2021

- Developed "Lite Apps" - software to manage retail inventory. Used QR codes and push notifs to trigger API calls from a users' device, so inventory management is run wholly on a mobile device.
- Ran sales ond customer outreach. Oversaw contributions from other developers

Tech: Web Apps, Mobile (iOS/Android), Swift, Kotlin, Java, Browser, Payments, Vision, REST, AWS Cloud Infra

JPMorgan Chase & Co.

London, UK

Software Developer

Sep 2019 - Dec 2020

- Worked on private-cloud database management software for JPMC's 4 novel data centers.
- Wrote code, tests, ran code reviews and mentored new-hire software developers

Tech: Python, DRF, C, APIs, On-Prem Infra, Telemetry, Optimization

JPMorgan Chase & Co.

London, UK

Software Developer

2018

- Wrote optimized C/Python code for batch processes for price calculations. Tested; reviewed code

Tech: C, Python, Optimization

Royal School of Mines at Imperial College London, Devito Group

London, UK

Research Software Developer

2017

- Created simulations and documentation for the team's "Devito" software package, which automates the finite difference method for prospecting offshore oil.

Tech: C, Python, HPC, Finite Difference Equations, Optimization

Skills

Languages: English; Japanese (fluent); Chinese (C1); Spanish; French; German; Polish

Tech: LLMs (various); AI Agents; Computer Vision; ML; Python; JavaScript; TypeScript; AWS; Cloud; AWS; Networking; Full Stack; React; Web; Mobile; Management