

Zeyu (Andrew) Li

in Andrew-Li23

🔗 Zeyu-Li

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Work Experience

Intuit

May 2023 - Aug 2023

Software Developer Co-op

- Contributed to a **GPT 4** (LLM) and **LangChain** classification model for **5 million+** QuickBooks customers.
- Led effort to redesign our (R&D and Futures Innovation Lab) internal blog using **Typescript** and **NextJS** hosted on internal AWS cloud infrastructure.
- Collaborated directly with the Director of Emerging Technologies to bring new customer centered ideas to light via rapid prototyping, qualitative customer interviews, and quantitative surveys using **Unity** and **C#**.

Zero RampUp

May 2022 - Jan 2023

Product Manager/Business Analyst

- Created flow and Entity Relationship (ER) Diagrams to document the process and presented to **5** clients.
- Consulted **5** clients to create user requirements, stories, mock ups, and a data flow diagram (DFD).

Full-Stack Software Developer

Sept 2021 - May 2022

- Utilized a **NestJS** backend and **React** frontend to create an infrastructure as code (IaC) cloud app.
- Developed **DevOps** pipeline including **Kubernetes**, logging, email notifications, and GitHub integration.

Intuit

Jan 2022 - Aug 2022

Software Developer Intern

- Maintained a **React/Spring** pricing service that impacts more than **150 million** TurboTax users.
- Improved automation pipeline from **4.5** hours to less than **2** hours (over **55%**) via parallelization.

University of Alberta

May 2021 - Dec 2021

Research Assistant

- Supported research by gathering construction work data and graphically displaying user collected data.
- Created an app using **React Native/Firebase** for submitting construction updates for iOS/Android.

Projects

- **Tinkering Penguin** - Tech YouTube channel has more than **250,000** views and about **1,000** subscribers.
- **Reboot** - Acquired **\$2,000** seed funding from NeuroAlbertaTech for a HCI NeuroTech research project striving to help address financial barriers in the delivery of VR neurofeedback intervention in pain reduction.
- **PlayDate** - A LLM powered chatbot that integrates OAuth, Stripe, and Supabase using the **T3 Stack**
- **UwULang** - A Turing complete interpreter and compiler for an emoji based language

Education

University of Alberta

Sept 2019 - Dec 2023

B.Sc. Computing Science with Specialization

Skills

Languages: Python, JavaScript/TypeScript, CSS/SCSS, C++, C#, Java, Rust, Lua, Bash, Swift, SQL, NoSQL

Technology: AWS, Google Cloud Platform, Firebase, Git, Jenkins, Kubernetes, Unreal engine, Docker, Unity, Figma

Libraries: React, React Native, Django, Flask, Electron, Express, NestJS, Next.js, NodeJS, GraphQL, Tailwind

Achievements

- 3rd Place (2023), 5th Place (2022) R3DCON Intuit CTF - Intuit's internal security conference May 2022 - June 2023
- **natHACKS** Hackathon Research Stream Winner (\$2,000 Seed Fund Prize) Sept 2021 - Sept 2021
- 1st Place Scholastic Provincial Chess Champion for Team Saskatchewan April 2014 - April 2019