Zeyu (Andrew) Li

in Andrew-Li23
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Work Experience

Intuit
Software Developer Co-op   May 2023 - Aug 2023

- Contributed to a **GPT 4** (LLM) and **LangChain** classification model for **5 million+** QuickBooks customers.
- Collaborated directly with the Director of Emerging Technologies to bring new customer centered ideas to light via rapid prototyping and customer interviews using **Unity** and **C#**.
- Led effort to redesign our internal blog using **Typescript** and **NextJS** about the R&D Futures team of **75**.

Zero RampUp
Product Manager/Business Analyst   May 2022 - Jan 2023

- 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.
- Initialized **DevOps** pipeline including **Kubernetes**, logging, email notifications, and GitHub integration.

Intuit
Software Developer Intern   Jan 2022 - Aug 2022

- 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
Research Assistant   May 2021 - Dec 2021

- 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

YouTube Channel: Tinkering Penguin   Feb 2021 - Present
Tech channel has more than **250,000** views and about **1,000** subscribers.

Reboot   Sept 2021 - Sept 2021
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.

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) R3DC0N 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