Zeyu (Andrew) Li

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Work Experience

Intuit
April 2024 - Present

Software Engineer 2

- Established a ML classification model utilizing GPT-4 and LangChain to onboard **5 million+** QuickBooks customers in less than **30 minutes** written in Python.
- Utilized Python and LangChain to create a LLM workflow for Tax Analysts to identify code changes and code generation with LLMs in TurboTax for new tax years with **100%** adoption.
- Led a cross-functional LLM powered transpiler to optimize and explain code, driving **46%** of code migration.
- AI led at the Toronto site; leading talks and presentations about AI news and agentic workflows.

Zero RampUp
Sept 2021 - Jan 2023

Full-Stack Software Developer

- Created backend services that used Kubernetes and Terraform to spin up infrastructure from cloud providers.
- Designed and implemented a scalable cloud infrastructure platform using React and NestJS to deploy AWS infrastructure defined as JSON in less than **30 seconds**. Additionally, we had GitHub Actions self-bootstrap deployments of our platform with parallelized continuous integration (CI) pipelines, decreasing check and build time by **25%**.
- Optimized MongoDB database schema to be **40%** faster, resulting in no hang time for users.

University of Alberta
May 2021 - Dec 2021

Research Assistant

- Architectured a data collection mobile app for analysis of construction workers using React Native and Firebase, reducing manual reporting by **100%**. This app was beta tested and released on iOS and Android and supported **5** different types of construction workers and worked directly with customers to fine-tune the features.
- Integrated with a web portal to display, graph, and export worker data for analysis.

Projects

Positron
Jan 2024

Chrome browser extension used to remove hate speech, misinformation, and harmful content using GPT.

- Built for HackED Hackathon. Find out more on ✎ Devpost.

Chatti
Aug 2023 - Sept 2023

Personalized chatbot experience that integrates OAuth, Stripe, and Supabase using the T3 Stack.

- Fullstack SaaS app that is mobile friendly and simulates real time chat interactions.

Reboot
Sept 2021

Neuro-tech research project striving to help address financial barriers in the delivery of virtual reality neurofeedback intervention in pain reduction using Unity/C# and BrainFlow, a ML noise decoder.

- Acquired **$2,000** seed funding from a NeuroAlbertaTech hackathon.
- Supported OpenBCI and Muse brain activity scanning hardware.

Education

University of Alberta
Sept 2019 - Dec 2023

B.Sc. Computing Science with Specialization

Skills

Languages: Python, JavaScript/TypeScript, C#, C++, Java, Golang, Lua, Bash, Swift, SQL, CSS/SCSS, HTML
Technology: Posthog, Amplitude, AWS, DynamoDB, Firebase, Docker, Kubernetes, Jenkins, Git, Unity
Libraries: React, React Native, Django, Electron, LangChain, Numpy, Traefik, NestJS, NodeJS, GraphQL, Springboot