Xiangyi Li

Email: xdotli@outlook.com | Phone: 408-455-8514 | www.xiangyi.li

EDUCATION

San Jose State University   **San Jose, CA**
M.S. in Computer Science   Sep. 2023 – Dec. 2024

The Chinese University of Hong Kong, Shenzhen   **Shenzhen, China**
B. Eng. in Computer Science and Engineering   Sep. 2019 – Jun. 2023

WORK EXPERIENCE

Tesla   **Fremont, CA**
Software Engineer   May. 2024 – Present
- Iterated features with Tesla Rental from zero with Angular and .NET. Took ownership of admin page features.
- Led migrating Tesla Roadside app from legacy design systems. Made refinements to the Tesla Design System.

Kimi.ai   **San Jose, CA**
Founding Engineer – Tech Lead   Nov. 2023 – Feb. 2024
- Built an AI anime voice chat app with interactive avatars. Mono-repo architecture with Expo, Next.js, and Solito.
- Implemented animation and audio streaming with Next.js. Implemented Live2d avatars with Pixi.js and Unity.
- Oversaw dev to prod. Built CI/CD with **GitHub Actions** and **Expo EAS**. Interviewed & onboarded 2 engineers.
- Got $100k angel fund raising. Shipped the app in 4 weeks. Got **10k** users the first month of launch.

Dolby   **Shenzhen, China**
Windows Platform Devloper Intern   Feb. 2023 – May. 2023
- Implemented **Windows** SDKs in **C#** with **.NET Core** generating PC color profile files for **>500k** laptops annually.
- Implemented **RBAC** (Role-Based Access Control) with **.NET Core**. Used FS and **MySQL** for storage.
- Spearheaded cross-team collaboration for feature design, resulting in >40% increase in customer satisfaction.
- Took ownership for building environments for dev, QA, preview, and release from the DevOps dept with IIS.

Red Hat   **Beijing, China**
Software Engineer Intern   May 2022 – Dec. 2022
- Implemented scripts in **Golang** to automate **K8s** APIs that are used in half new features in two future releases.
- Built OpenShift Console Plugins with **React**, **TypeScript**, and **Golang**. Wrote e2e tests in Cypress and Ruby
- Responsible for debugging **Jenkins** CI, fixing **Ruby** scripts. Set up **AWS** network configs and RBAC for tests.

Renter.co   **Shenzhen, China**
Founding Engineer – Tech Lead   Mar. 2021 – Dec. 2021
- Built a campus renting platform with Next.js and MySQL. Launched on two campuses with 2k active users.
- Took leadership of a team of three for full-stack development. Achieved 2k monthly income. link

PROJECTS

OpenSDKs   Nov – Dec. 2023
- OpenSDKs provide standardized SDKs generated from OpenAPI specifications. Contributed to bug fixes, documentation, and provided example apps that use this npm package.
- The summarize PR example app (Next.js 13 with Server Actions) was later used by Dosu as their example app.

Ask Abe AI - ask-abe-beta.vercel.app   Sep. – Oct. 2023
- Developed an interactive legal agent featuring fast and accurate legal answering using Next.js.
- Implemented **RAG** on **PostgreSQL** with **pgvector** on **Supabase** and **GPT-4**. Creat embeddings through OpenAI Embeddings API. Partitioned and indexed vector database with HNSW to increase query speed 20x.

ChatGPT Detector – *NLP Course Project*   Mar. - May 2023
- Reproduced a **RoBERTa** classification model from a paper achieving >0.999 sec on original dataset.
- Improved the base model's generalization performance by **4x** after **fine-tuning** on data acquired from LLMs.

SKILLS

Programming Languages: JavaScript, TypeScript, Python, C++, C#, Java, Golang, SQL, R, Mathematica, Matlab.

Framework: React, React Native, Expo, Angular, tRPC, Next.js, Nest.js, .NET,

Professional Software: AWS, GCP, Kubernetes, Docker, Jenkins, Git, GitHub Actions. MySQL, PostgreSQL, MongoDB, Firebase, Supabase. TensorFlow, PyTorch, NumPy, Dask. JVM, Jasmin. Spark, MapReduce, Hadoop, HDFS