

Leo Liang

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Professional Summary

Software engineer with expertise in full-stack development using **React**, **Next.js**, and **Redux**. Proven success in delivering mobile-optimized web apps and integrating **AI** solutions. Skilled in deployment management and international team collaboration. Seeking to create impactful, user-friendly solutions in a team environment.

Education

2023

Cornell University, M.Eng. in Computer Science (**GPA: 3.82**)

2021

Cornell University, B.S. in Information Science (Minors in Computer Science & Game Design)

Work Experience

Jun 2023 to Present

Associate Software Engineer @ Circolo

- Lead full stack development using **Next.js**, **React**, and **Redux**.
- Delivered **3+** mobile-optimized **progressive web apps** with offline capabilities.
- Manage deployments on **AWS**, **Heroku**, and **Cloudflare**.
- Integrate AI solutions using **ChatGPT API** through **few-shot prompt engineering**.
- Conduct usability and **A/B testing**, leading to **28%** increase in client satisfaction.
- Develop and maintained **REST APIs** using **PostgreSQL** and **Go**.

Aug 2022 to May 2023

Graduate Teaching/Research Specialist (GTRS) @ Cornell

- Developed and graded assignments, midterms, and finals for two courses.
- Hosted office hours to assist students with course material.
- Led groups of undergraduate teaching assistants.

Jun 2022 to Aug 2022

Frontend Developer Intern @ Circolo

- Relaunched company website with **Next.js**, with a **40%** decrease in load time.
- Integrated **Shopify API** and **GraphQL** for an SEO-friendly storefront, increasing traffic by **35%**.
- Incorporated **React** and **Redux** to allow higher level of control and customization.
- Managed deployments and continuous integration with **GitHub Actions**.
- Completed seamless relaunch on **Cloudflare** with **near-zero** downtime.

Projects

Apr 2024 to Present

Project Lead, Gusteau Order Management App @ Circolo

- Currently developing an order management app for kitchen use with **React** and **Next.js**.
- Integrated Android native extensions into web app, supporting printers and other hardware.
- Optimized the app to run smoothly on low-cost devices, thus eliminating the need for high-end hardware, **cutting cost by 50%**.

Jul 2023 to Present

Project Lead, Remy Hospitality Platform @ Circolo

- Currently leading the development and design of an interactive menu and promotional display system for the hospitality industry, boosting **client acquisition by 150%**.
- Built a responsive frontend management system using **React** and **Next.js**.
- Designed and implemented tools to automate the digitization of physical menus powered by **computer vision** and **AI**, **reducing menu digitization time by 80%**.
- Coordinated communication with an Android native app on a specialized Android OS build for an **embedded system**.

Technical Skills

Frontend: Next.js, React, Redux, TypeScript

Backend: TypeScript, Express, SQL, Python, Java, Go

DevOps & Platforms: AWS, Heroku, Cloudflare, Sentry, Shopify, Bash, GitHub Actions, Git, Linux