

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 **full stack development**, **DevOps**, and **cloud management**. 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* **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 maintain **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**
- Design and develop 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**
- Lead 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%**.
 - Coordinate 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