LEE
LIANG

github.com/lliang19
ltliang1@gmail.com
(408) 930 - 5580
in/ltliang

BLURB

Full Stack SWE with 3 years of experience in various industries including education, civic research/ design, transportation, GOS/defense, and healthcare; a sponge with a passion for quality code and user/developer experience and a desire to craft software in a mission-driven environment.

EXPERIENCE

EQUIP (SERIES B STARTUP)

Software Engineer (Full Stack) — January 2021 - current

– **Tech Stack:** React w/ Typescript + Hooks, Java w/ Micronaut + JOOQ + Flyway, PostgreSQL, Docker, CircleCI, AWS (API Gateway, Cloudfront, ECS/Fargate, Lambda, S3)
– Rapidly scaling remote mental healthcare startup with focus on providing outpatient telehealth treatment for patients with eating disorders.
– Developing V2 of online EMR for enabling medical providers to provide care for patients while maintaining V1 production platform, improved **latency** and **stability** of platform by **100%** (apdex).
– **Architected foundation** for and continuously developing platform's web-based SPA, including parts of infrastructure and CI/CD, primary tech stack, and repo + library management strategies.
– Revamped core product from a **monolith** to modern **microservices** using the hexagonal architectural pattern (ports and adapters) for our backend API and static web-app (SPA) served on a CDN, all with **extremely high scalability** in mind.
– 5th engineer on the team, joined when company was in **Seed stage**, been through two funding rounds and experienced the growing pains of a **rapidly scaling startup** while three of the five original engineers left the team with no additional hires for months.

CHESAPEAKE TECHNOLOGY INTERNATIONAL (CTI)

Associate Software Engineer — March 2020 - December 2020

– **Tech Stack:** Java, JBoss Weld CDI, Gradle in Groovy, JFormDesigner
– Developed custom software and UI for an airborne electronic jamming system and mission planning in collaboration with General Atomics (GA) and the Department of Defense (DoD)
– Contributed to open-source Government off-the-shelf (GOTS) software being used widely across many departments within the US military.
– Worked remotely from home due to COVID and in a distributed team with coworkers from over 10 offices throughout the entire US from San Diego, CA to California, MD, Kailua, HI, and more.

PROTOLAB (UCSD)

Frontend Developer — October 2019 - March 2020

– **Tech Stack:** React Hooks, TypeScript, Webpack, Firebase, Docker, CircleCI, Ant Design, Redux
– Developed new portal for Design for San Diego (D4SD), an innovation challenge structured around the human-centered design process that seeks to solve complex civic problems.
– Worked closely with project lead (professor), PhD students, and fellow grad and undergrad researchers in weekly scrum meetings, cross-team collaborations, and planning sessions.

LYFT

Front End Software Engineer Intern — June 2019 - September 2019

– **Tech Stack:** React Hooks, Typescript, MobX, DeckGL, Material UI, SaltStack
– Developed an internal front end visualization platform / single-page application (SPA), providing a common SDK for map visualization that is used by multiple developers at Lyft.
– Organized and led major redesign project of UI/UX of webapp, mapped out implementation timeline for revamping modular UI components with designs from contracted firm, and implemented core components.

EDUCATION

UNIVERSITY OF CALFORNIA, SAN DIEGO

B.S., Computer Science Major / Interaction Design Minor
Sep 2016 - Mar 2020
Major GPA — 3.419
Overall GPA — 3.314

- Advanced Data Structures
- Design / Analysis of Algorithms
- Computer Networks and Networked Services
- Principles of Computer Operating Systems
- Programming Languages and Compilers
- Web Mining and Recommender Systems
- Wireless Embedded Systems
- Human Computer Interaction Programming Studio

TECHNOLOGIES

My main handles are:

- React ● ● ● ● ●
- JS/TS/Node ● ● ● ● ●
- Java ● ● ● ● ●
- SQL ● ● ● ● ○
- AWS + CircleCI ● ● ● ○ ○

I've also dabbled in:

- ARM/x86
- Bash
- C/C++
- Docker
- ELK Stack
- Haskell
- OCaml
- Terraform