

Frank Lee

(408) 857-2693 | cc.frankee@gmail.com | github.com/wavegate | portfolio-wavegate.vercel.app

Education

Georgia Institute of Technology **Expected December 2024**

Master of Science in Computer Science

Courses: Human-Computer Interaction, Advanced Internet Systems, Artificial Intelligence

Saint Louis University **November 2021**

Doctor of Medicine

Duke University **December 2015**

Bachelor of Science in Neuroscience

Experience

BeaconFire Inc. **East Windsor, NJ**

Frontend Developer

Oct 2022 — Present

- Collaborated with backend developers, product managers, and quality assurance teams to develop web applications with HTML, CSS, and JavaScript.
- Proficient in TypeScript, React, Redux, Jest to build type-safe, user-friendly interfaces for internal data management systems with an emphasis on test-driven development.
- Built the official company website with Next, fully responsive, optimized for performance, core web vitals, and SEO, and with seamless transitions using Framer Motion.
- Developed the frontend of a secure and user-friendly authentication system, with password recovery, multi-factor authentication, and security measures to protect against common threats.
- Communicated with UI/UX designers to construct a reusable component library with Storybook with clear documentation and adherence to accessibility standards.
- Created a ChatGPT-powered OpenAPI documentation manager, providing developers with an interactive and intuitive frontend interface for streamlined API design.
- Crafted responsive email templates using MJML.

Projects

Argos Jobs **mykaraoke.vercel.app**

- Web Development Jobs Dashboard: Crawled job listings across the US using Puppeteer, analyzed job listings for trends and patterns, and provided insights on the web development job market through visualizations using Chart.js.
- Resume Builder: Integrated data from dashboard to allow users to craft software engineering resumes, featuring a unique tailoring function powered by ChatGPT.
- Deployed React.js, Express.js, and PostgreSQL application on AWS EC2 and RDS.

Skills

Languages: JavaScript, HTML, CSS, Java, Python, SQL, TypeScript

Frameworks: React.js, Django, Next.js

Databases: PostgreSQL, NoSQL, MongoDB

Other: REST, Git, AWS, Node.js, Docker, Jenkins, Jira, Confluence, responsive web design, Scrum, agile, Redux, Webpack, SASS, Jest, Selenium, Figma, unit testing