FRANK LEE

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EDUCATION

Georgia Institute of Technology   **August 2022 - December 2024**
Master's, Computer Science

Saint Louis University School of Medicine
MD, Medicine

Duke University
Bachelor's, Neuroscience

PROFESSIONAL EXPERIENCE

Beaconfire Solutions   **Plainsboro Township, NJ, USA**
Frontend Developer   *January 2023 - Present*
- Core expertise in developing 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 web-based threats.
- Constructed a reusable component library with Storybook, using clear documentation, adherence to accessibility standards, fully tested to ensure functionality and compatibility across devices and browsers.
- 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.

Washington University in St. Louis   **St. Louis, MO, USA**
Postdoctoral Research Associate, Biomedical Engineering   *May 2021 - April 2022*
- Investigated neurological changes in the pain pathway after spine injury using genetically encoded calcium indicators and microelectrode arrays.

SKILLS & INTERESTS

Skills: HTML/CSS, JavaScript, TypeScript, React.js, Redux, Jest, Python, Java, REST APIs, Node.js, Express.js, Django, MongoDB, Postgres, AWS, Jenkins, Git, Docker, Figma