Jason Duong

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EDUCATION

University of California, Berkeley — May 2025
B.A. Computer Science
Relevant Coursework: Data Structures, Computer Security, Introduction to Artificial Intelligence, Machine Structures, Intro to Software Engineering, Designing Information Systems, Internet: Architecture and Protocols, User Interface Design and Development

WORK EXPERIENCE

Vera — Oct 2024 – March 2025
Fullstack Software Engineer Intern
* Developed a high-impact platform connecting over 1,000 Korean beauty institutions with global users, integrating real-time chatrooms to facilitate seamless communication and foster a strong, engaged community.
* Conducted beta testing with 150 users, gathering feedback to implement improvements to enhance app functionality.
* Optimized the platform's user interface, improving overall user engagement by 40% through iterative design improvements.

Curiocity — Aug 2024 – Dec 2024
Lead Fullstack Software Engineer
* Spearheaded a team of 13 developers to design, develop, and launch a feature-rich document editing app for 25 financial analysts.
* Implemented key features such as resource normalization and parsing, file organization, and advanced search capabilities, enabling seamless document management and retrieval streamlining workflows and reducing document processing time by 50%.
* Adapted to client requests by incorporating new insights and research, ensuring the product met evolving needs for users.

BlackPrint — Jan 2024 – May 2024
Frontend Software Engineer
* Engineered a geospatial visualization app using map software to enable 3D semantic segmentation of 1,000+ buildings across various cities, containing property information for real estate agents, enhancing property analysis and decision-making.
* Developed codebase for frontend UI by implementing various components, enhancing maintainability for future scalable updates.
* Improved response time by 30% and increased user traffic by 20% using NextJS routing, NodeJS, and TypeScript.

Payload CMS — Aug 2023 – Dec 2023
Fullstack Software Engineer
* Created a content management system to retrieve files from MongoDB within 100ms, enhancing user experience significantly.
* Led frontend development with TypeScript, ReactJS, and reworked API calls by optimizing query efficiency, restructuring endpoints, and reducing redundant data fetching, resulting in 40% faster file retrieval time and improved system performance.
* Contributed to an open-source CMS project with 200+ contributors and 8.1k+ users, and successfully implemented key updates.

Spoak — Jan 2023 – May 2023
Frontend Software Engineer
* Developed an application showcasing theoretical rooms with furniture generated by AI, including an object removal feature.
* Accelerated client's product development by 25%, introducing an image processing feature and enhancing user engagement.
* Leveraged Tailwind framework to design a responsive frontend for a database-driven application, ensuring scalability and enhanced user interface functionality.

UC Berkeley Space Technologies and Rocketry — Aug 2022 – Jan 2023
Web Engineer
* Overhauled the organization's website, refactoring 5,000+ lines of legacy code and creating comprehensive documentation.
* Implemented advanced UI/UX elements using HTML, CSS, and JavaScript, significantly improving user navigation.
* Orchestrated a marketing campaign raising $10,000, increasing club population by 25% through community engagement.

Nanotechnology Unleashed (Jadoo Technologies Inc.) — Jan 2022 – Dec 2022
Fullstack Software Engineer
* Constructed data visualization tools for nanotechnology metrics, adopted by research teams to reduce analysis time by 30%.
* Transformed complex data visualizations into intuitive interfaces utilizing React, streamlining navigation efficiency.
* Built intuitive simulation systems using advanced algorithms, reducing error resolution times from three days to one day.

SKILLS & TOOLKIT

Programming Languages: HTML5, CSS3, JavaScript, Python, Java, C++, C, Go, Ruby, Swift, BNF, Scheme, Rust
Frameworks & Libraries: ReactJS, React Native, Node.js, Next.js, TypeScript, Tailwind, ThreeJS, ShadCN, DaisyUI, jQuery, Webpack, SCSS
Databases: MongoDB, AWS S3, DynamoDB, MySQL, SQL, Firebase
Design & Productivity: Git, Github, Jira, Figma, Slack, Asana, Adobe Suite, G Suites, Canva
Interest: Maker Fairs, Stickers, Batch Cooking, App Development, Petting and Feeding Animals