Hayata Suenaga

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EXPERIENCE

Eisuke L.L.C. – Founder & CTO; Tokyo, Japan   *August 2024 - Present*
- Architect and launch complete learning management system from concept to deployment, including end-to-end technical decisions for authentication, data modeling, and infrastructure
- Build complete learning management system including web portals for teachers and students and cross-platform mobile apps (iOS/Android) using Turborepo, Vercel/Next.js, Expo/React Native, tRPC, PostgreSQL, Stripe and OpenAI/Anthropic APIs
- Links: 🏠eisuke.org 👨‍💼app.eisuke.org 👩‍🏫teacher.eisuke.org 🍎apple.co/4jDJeDJ 🤖bit.ly/4ggNXZm

Expensify – Software Engineer; San Francisco, California   *February 2023 - August 2024*
- Led engineering projects within lean 50-person team powering platform with $151M annual revenue (2023)
- Co-managed Expensify's strategic initiative to integrate new Expensify experience with classic platform, a key project highlighted in multiple earnings reports
- Spearheaded QuickBooks Online integration project for new Expensify platform, facilitating transition for 15M+ existing users
- Co-led TypeScript migration of 350,000+ lines of code across 750+ PRs with two teammates, reducing type-related bugs by nearly 100%
- Authored language and style guidelines for company's open-source project, now referenced by 600+ active contributors
- Optimized critical SQL queries achieving 30%+ performance improvement in key database operations
- Managed and mentored a team of 10 contract engineers, overseeing multiple concurrent projects

JackBeNimble Inc – Software Engineer; Danville, Kentucky   *October 2022 - January 2023*
- Independently designed and built complete mobile application from ground up, managing entire development lifecycle from requirements gathering to App Store deployment
- Implemented comprehensive glossary system using Sanity CMS for education terminology

Dendron – Software Engineer Intern; Seattle, Washington   *June 2022 - October 2022*
- Implemented core features for document parsing engine and built custom VSCode extension components for previewing parsed notes using React and TypeScript
- Collaborated with CEO on product roadmap and feature prioritization for core Dendron offerings

Centre College – Research Assistant; Danville, Kentucky   *June 2021 - August 2021*
- Collaborated with biology department at Piedmont University to develop data visualization tool for analyzing operational taxonomic unit (OTU) occurrence in microbiome samples
- Co-authored peer-reviewed research paper in the Journal of Computational Science Education detailing the development of the visualization tool
- Worked on data preprocessing for molecular docking software analysis in collaboration with Centre College biology department

EDUCATION

Centre College | Bachelor of Science in Computer Science | Danville, Kentucky   *August 2019 - May 2022*
Founder's Scholarship recipient | Dean's List (4 terms) | President of Japanese Club
Relevant Coursework: Data Structures (UC Berkeley CS 61B, A-), Statistics (MAT 130, A), Discrete Structures (CSC 200, A), Entrepreneurial Development & Finance (ECO 401, A) - Developed comprehensive business plan that became foundation for current venture Eisuke L.L.C.

CERTIFICATIONS & SKILLS
- AWS Certified Solutions Architect – Associate (Nov 2022 – Nov 2025)
- Technical Skills: TypeScript, Python, Java, C++, React, React Native, Node.js, tRPC, PostgreSQL