

# Hayata Suenaga

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## EXPERIENCE

**Eisuke L.L.C. – Founder & Software Engineer;** Tokyo *August 2024 - Present*

- Architected and launched complete learning management system from concept to deployment, including end-to-end technical decisions for authentication, data modeling, and infrastructure
- Built 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](https://eisuke.org) [app.eisuke.org](https://app.eisuke.org) [teacher.eisuke.org](https://teacher.eisuke.org) [apple.co/4jDJeDJ](https://apple.co/4jDJeDJ) [bit.ly/4ggNXZm](https://bit.ly/4ggNXZm)

**Expensify – Software Engineer;** San Francisco, California *February 2023 - August 2024*

- Led development initiatives within 50-person engineering team maintaining platform generating \$151M annual revenue in 2023
- Managed and mentored a team of 10 contract engineers, overseeing multiple concurrent projects
- Co-managed Expensify's strategic initiative to integrate new Expensify experience with classic platform, a key project highlighted in multiple earnings reports
- Co-led 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

**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 *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

**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