

ALISSA HSUEH

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PROFESSIONAL EXPERIENCES

ESAMPO.COM, INC. Remote (Freelance)

Mar 2026 - Present

Software Engineer

- Leveraged Claude Code as a force multiplier to lead migration of legacy WordPress/GCP platform to a modern architecture, accelerating architectural decisions and full-stack implementation across 700 posts, 300+ interactive quizzes, and 2,000+ media assets
- Evaluated and integrated modern tooling (Vercel, Supabase, Cloudflare, TinaCMS) to build a maintainable content platform enabling non-engineering stakeholders to edit content directly, eliminating the previous developer bottleneck

GOLDMAN SACHS, New York City

Software Engineer - Third Party Risk Management Team

Sep 2024 - Nov 2025

- Core engineer on the founding team of a greenfield, cloud-native platform consolidating fragmented third-party vendor risk data into a centralized registry supporting 10,000+ vendors and firm-wide regulatory compliance; among the first teams at the firm to build natively on AWS
- Architected a distributed microservices backend on AWS (ECS, Lambda, DynamoDB, Aurora PostgreSQL) with RESTful API contracts that let downstream teams integrate without direct database access, eliminating prior timeout errors; established JUnit/Mockito testing achieving 90% code coverage across the service layer
- Designed and owned the platform's production alerting and observability pipeline (CloudWatch, PagerDuty) with structured on-call rotation, enabling detection of data-refresh failures before impacting downstream regulatory reports

Software Engineer - Spend & Data Automation Team

July 2022 - Sep 2024

- Replaced a fully manual charitable contribution approval process with an automated workflow, integrating third-party payment provider Candex to eliminate manual handoffs and payment delays while preserving a full audit trail
- Engineered data integration pipelines between SAP and internal expense management platforms using Java and Spring Boot, supporting oversight of ~\$16B in annual non-compensation spend

ESAMPO.COM, INC. Tokyo, Japan

Mar 2021 - Aug 2021

Full-stack Developer Intern

- Migrated 100+ pages of high-traffic PHP quiz infrastructure (ovulation calculators, wellness tools) from on-premise to GCP with zero downtime; independently architected the migration and executed a full UI/UX redesign for a women's lifestyle platform with 35,000+ users

FACEBOOK, Menlo Park, CA

Software Engineering Intern, Facebook University Engineering Intern

May-Aug 2020 & Jun-Aug 2019

- Engineered autoplay video story tile features for the Facebook Android app across the full SDLC on a global consumer product used by billions; drove cross-functional alignment by interviewing stakeholders and synthesizing competing approaches into a pros/cons framework

LEADERSHIP

GOLDMAN SACHS CWS AMERICAS ANALYST FORUM - Forum Leader

Dec 2022 - Dec 2023

- Nominated by Engineering lead; secured ~\$3,000 annual budget through business cases to senior leadership and executed events connecting 70+ analysts across the Americas with affinity networks and MDs

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Aug 2018 - May 2022

Bachelor of Arts in Cognitive Science and Minor in Computer Science and Data Science

- Regents' and Chancellor Scholar Finalist, Cal Alumni Leadership Award, Estha M. Rodkey Scholarship

CERTIFICATIONS & AWARDS

CERTIFICATIONS:

- Stanford Institute for Human Centered Artificial Intelligence: [Generative AI: Technology, Business, and Society Program](#)
- Google Foundations: [Data, Data Everywhere](#), [CFA Institute Investment Foundations](#)
- Google Cloud Fundamentals: [Core Infrastructure & Essential GC Infrastructure Foundation Courses](#)

AWARDS: Cognizant's Pathways in Technology Scholarship 2021, 2020 NCWIT/Bloomberg Grace Hopper Grant, Google Scholarship 2019, Japanese American Treaty Centennial Scholarship Award

SKILLS

- Languages: Java, Python, TypeScript, Groovy, SQL
- Frameworks: Spring Boot, AWS (ECS, Lambda, S3, DynamoDB, Aurora PostgreSQL, CloudWatch), Android Studio
- Product & Delivery: RESTful APIs, microservices, A/B Testing, Agile/Scrum
- Spoken: English (Native), Japanese (Fluent), Mandarin Chinese (Fluent)