

Idra Hsieh

(Yun-Jung)

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 GitHub: [@idra-hsieh](#)

 Portfolio: [idra-hsieh.vercel.app/](#)

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Summary

Trilingual Software Engineer merging Product Management strategy with Full-Stack execution. Leverages a data-driven BD/PM background to build scalable, user-centric applications.

Skills

- **Frontend:** TypeScript, React, Next.js, Tailwind CSS, Shadcn, i18n, Framer Motion
- **Cloud & DevOps:** Google Cloud (Run, Build), Docker, CI/CD, Git, Vercel
- **Backend & Data:** Python (Pandas), SQL, PostgreSQL, Supabase, Prisma

Languages

- English: IELTS 8.0 (Professional)
- Japanese: JLPT N1 (Business Capable)
- Chinese Mandarin: Native
- Korean: TOPIK Level 2 (Basic)

Certifications

Software Engineering Foundations (IPA)

- Fundamental Information Technology Engineer (基本情報技術者試験)
- Information Security Management (情報セキュリティマネジメント試験)

Web Development (freeCodeCamp)

- JavaScript Algorithms and Data Structures
- Front End Development Libraries
- Responsive Web Design

Cloud & Deployment

- Google Cloud Essentials (course)

Data Analytics

- Google Data Analytics Professional Certificate

FEATURED PROJECTS

Charm Money Indicator | Full Stack & Cloud DevOps [Live](#) | [GitHub](#) | [Demo Video](#) | [Figma](#)

- **Stack:** Next.js, TypeScript, Tailwind, Docker, Google Cloud
- **Cloud DevOps:** Architected a serverless CI/CD pipeline via Cloud Build to automate containerized deployments (Docker) to Google Cloud Run.
- **Product Engineering:** Engineered a locale-aware interface from self-designed Figma prototypes, implementing a custom scoring algorithm for instant UX feedback.

Lumi Diary Digest | Full Stack & RDBMS

[Live](#) | [GitHub](#) | [Demo Video](#)

- **Stack:** Next.js, TypeScript, Tailwind, Supabase, Prisma
- **Engineering:** Designed a type-safe relational schema (Prisma) and secure auth, utilizing Server Actions for optimized data performance.

Personal Portfolio | Interactive Front End & CMS

[Live](#) | [GitHub](#) | [Demo Video](#)

- **Stack:** Next.js, TypeScript, Tailwind, Framer Motion, Sanity (Headless CMS)
- **Content Pipeline:** Architected a dynamic content pipeline using Sanity CMS, enabling real-time content updates without redeployment.
- **UX Engineering:** Built a fluid, high-performance interface with Framer Motion, optimizing rendering performance for complex animations.

PROFESSIONAL EXPERIENCE

PranaQ | Business Development Specialist & Project Manager 2024.05-2025.08

- **Technical Design:** Translated complex business requirements into technical specifications and data schemas for the TipTraQ Admin Panel, guiding the engineering team on implementation.
- **QA & Agile:** Systematized QA workflows, converting 50+ ad-hoc test sessions into structured ClickUp tickets to accelerate the product launch.

Boston Consulting Group | Part-time Assistant (Strategy Intern)

2023.04-2024.01

- **Strategy:** Conducted quantitative modeling and synthesized complex datasets for international Tech & Finance client strategies.

KPMG Digital Village | Data Science Researcher (Intern)

2022.09-2023.04

- **ML & Automation:** Developed clustering models (Python) for customer segmentation and automated data pipelines, reducing manual reporting time by 30%.

Cathay Financial Holdings | Data Analytics Summer Intern

2021.07-2021.08

- **SQL Pipelines:** Optimized SQL queries for large-scale datasets (500k+ records) and built predictive models to automate sales reporting for 20k+ users.

AWARDS & LEADERSHIP

Google 2022 AI Winter Competition | 2nd Place & Team Lead

2022.02

- Built an autonomous PyTorch (DQN/PPO) agent for 3D obstacle avoidance.

Fidelity FinTech Innovation Challenge | Finalist & Team Lead

2021.12-2022.02

- Proposed AI & Blockchain strategies for future banking data security.

NCCU Data Analytics Student Society | Founder & President

2021.01-2022.07

- Founded society connecting 200+ students to corporate projects (Acer, LINE Taxi, etc.).

EDUCATION

University of London, London School of Economics and Political Science

2022-2024

Undergraduate Coursework in Mathematics & Economics

National Chengchi University

2019-2022

Undergraduate Coursework in Foreign Languages & Economics (Minor)