# Chun Hsiang Chang

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## Education

**National Taiwan University**    Expected June 2026
*Bachelor of Business Administration*    *Taipei, Taiwan*
- **Relevant Coursework:** Programming Design (C++), Database Management, Operations Management.

## Experience

**Leaven Intellectual Property Management Consultancy**    Oct 2025 – Present
*Frontend Software Engineer*    *Taipei, Taiwan*
- Develop a proof of concept within 2 weeks of onboarding, delivering a fully functional internal AI tool frontend with a lightweight Node.js backend to demonstrate and validate management's product concept.
- Lead spec-driven development by conducting user interviews, designing wireframes, and drafting API specification to assist backend implementation.

**TravoAI**    Apr 2024 – Jul 2025
*Frontend Software Engineer*    *Remote*
- Engineered the frontend of the supply chain management platform, delivering high-complexity features and enhancing user interactions to meet advanced technical requirements.
- Enhanced frontend flexibility and simplify backend maintenance by utilizing Cloudflare Worker, including feature toggles and combining multi-API responses.
- Crafted highly custom-made components to 100% match the Figma design with Vue, Tailwind and Pinia.
- Initiated CI/CD with GitHub Actions to automate staging site deployments for branch previews, enhancing collaboration and workflow efficiency.
- Actively participated in the Scrum, ensuring the timely delivery of features and continuous improvement.

**OfferLand.cc**    Jul 2023 – Mar 2024
*Software Engineer*    *Remote*
- Developed LINE official account to increase return visit actions, currently serving 1500+ users.
- Upgraded the frontend architecture from React 18 to Next.js 14, implementing SSR with server and client components for improved performance and scalability.
- Integrated GitHub Action for CI and conducted unit tests in new projects.

**Eport Technology**    Jan 2022 – Sep 2023
*Software Enigneer Intern*    *Taiepi, Taiwan*
- Developed and maintained 2+ campaign websites utilizing Node.js, Python, MySQL.
- Deployed web applications with Litespeed as web server on Google Cloud VM.
- Led in unit tests for the backend to improve the code stability.
- Provided API documentation for the frontend interns to develop more efficiently.

## Projects

**Threadseeker.app** | *Nuxt.js, PostgreSQL, Google Cloud Function, Cloud Tasks, Redis*
- Developed Threads account analytics tool with 39000+ users, analyzed 30000+ accounts.
- Implemented queue workflow and proxies to process rate-sensitive external API fetching tasks.
- View on GitHub · View Website

**Wenthreads: Grok of threads.com** | *Google Cloud Function, Google Cloud Pub/Sub, PostgresSQL*
- Implemented an event-driven architecture to power the automated Threads.com account to verify post details upon user mentions inspired by Grok on X.
- Processed over 380 user comments through an LLM-grounded search system, maintaining operational costs under USD 20.
- View on Threads

**University Application Assistant Chatbot** | *TypeScript, PostgreSQL, Google Cloud Function*
- Created a university application regulation lookup service with 26K users.
- Migrated from App Script to TypeScript, cutting execution time by 62%.
- View on GitHub