Ju-Shen Huang 黃鉅燊 · OG_Matcha

Co-founder & CTO, Finctory
Co-founder & Forward-Deployed Engineer, MedaLink

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I take AI from demo to something people still use three months later. I have run four product lines with an engineering team of four or fewer, and built the AI half of a clinic operations system alone, from conversation engine to cloud deployment. BS in Information Management, National Central University, 2026 (GPA 4.19 / 4.3); master's program from September 2026.

EXPERIENCE

MedaLink Co-founder & Forward-Deployed Engineer — Jul 2026 – present

- Two people built a clinic operations system; I own the AI half - a four-channel message centre, a rule-based reply engine, scheduling across doctors, rooms and equipment, and customer state flows.
- 173 API routes, 64,687 lines, 63 regression tests; Cloudflare Pages Functions, D1 and R2.
- Medical images are never read by the model, treatment-guarantee claims are blocked before generation, and anything the AI cannot answer goes to a person.

Finctory Co-founder & CTO — Apr 2024 – present

- Own system architecture, AI technology choices and the engineering team (four or fewer), across four product lines; introduced agile delivery.
- Led the pivot from Invoice Doctor to oSave - from automatic invoice import to bookkeeping with accounting logic. Three questions up front become 13 cash-flow directions and six financial-health indicators.
- oSave mobile in Flutter + BLoC (397 Dart files, 16 feature modules); backend on Firebase Cloud Functions with a cache → rules → model classification chain.
- Incorporated in June 2025 through the Ministry of Education U-Start program; led the team into five startup hubs and incubators.

Industrial Technology Research Institute (ITRI), ISTI AI Intern (software engineer) — Sep 2025 – present

- Delivered five internal systems - a front-end framework migration, data APIs, an LLM analysis pipeline and a startup-intelligence platform; 300+ commits.
- Wrote the division-wide generative-AI project template and standard workflows for secret scanning, static analysis and LLM red-teaming (OWASP LLM Top 10).

Industrial Technology Research Institute (ITRI), ISTI Summer intern (data scientist) — Jul – Aug 2025

- Built and standardised a database of Taiwan's startup ecosystem from grants, incubators and investors, used for industry maps and investment decisions.
- Designed and ran hands-on AI workshops that turned non-technical colleagues' needs into working tools.

National Central University Research assistant (faculty project) — Jul 2023 – Jun 2026

- Trained, tuned and evaluated ML and deep-learning models; LLM prompt engineering and fine-tuning; fintech data processing and paper writing.

EDUCATION

MS, Information Management, National Central University — 2026 – present (expected 2028)

Direct admission

BS, Information Management, National Central University — 2022 – 2026

GPA 4.19 / 4.3; credit programs in Cross-domain Applications of AI and in Business Intelligence & Analytics; Dean's Award (top 5 of class), Academic Excellence Award (2 / 47), Outstanding Student twice

RESEARCH

A generative-AI personal financial-health system - development and evaluation 2025–2026

NSTC undergraduate research grant (NSTC 114-2813-C-008-020-H). Four-week quasi-experiment, 82 participants - weekly bookkeeping days +176%, budget attainment 76.8%, financial anxiety down significantly ($p<0.01$).

Generative AI in social engineering 2024–2025

NSTC undergraduate research grant; the PhishForge capstone.

A stock-tracking system combining market-anomaly indicators and generative AI 2024–2025

NSTC undergraduate research grant.

Analysing learning trajectories with knowledge graphs and LLMs 2024

LAK 2025, International Learning Analytics & Knowledge Conference · Practitioner track.

SELECTED AWARDS

Nov 2026	Taipei Autumn Coding Festival, Town Pass Microservice Hackathon - Honourable Mention
May 2026	Taipei–New Taipei City Dashboard Hackathon - 3rd place
Sep 2025	Taitung Innovation & Entrepreneurship Competition - Best Startup Award (90 teams)
Feb 2025	6th TSMC IT CareerHack, AI Ops track - 1st place
Nov 2024	29th Information Application Service Innovation Contest, Security track - 1st place
Nov 2024	Taiwan Digital Innovation Awards, Digital+ track - Gold
Oct 2024	GenAI Stars, Creative Maker track - Merit
Jun 2024	6th Startup Arena, domestic track - 1st place

Ten-plus further startup and programming awards; the full list is at ogmatcha.com/en/resume

COMMUNITY & TEACHING

2023 – 2024	**NCU Freshman Portal - Deputy Executive** · Led four teams of 30 people to ship the freshman platform with an AI assistant; 1,000+ freshmen served
2023	**United Developer Club - Co-founder & vice convener** · Ran the campus-wide course Python Projects from Zero
2022 – 2024	**NCU ERP Center SAP student team** · Trainee in year one, summer instructor in year two

SKILLS

AI / agents	LangGraph · LangChain · AutoGen · OpenAI / Gemini APIs · LLM red-teaming · RAG (FAISS)
Backend	Python · FastAPI · Firebase Cloud Functions · Cloudflare Pages Functions · Flask · Laravel · Spring
Front end & mobile	Vue / Nuxt · React · Flutter / Dart (BLoC) · Tailwind CSS · three.js · GSAP · Chrome extensions
Data	PostgreSQL · Cloud Firestore · Cloudflare D1 / R2 · Redis · MySQL
Certificates & language	TOEIC 835 / 990 · PCEP (Certified Entry-Level Python Programmer) · Data Analysis with Python