

Chung-Chun (Takala) Wang

Full-Stack & Cloud Infrastructure Engineer

ccwangtakala@gmail.com | linkedin.com/in/takalawang | github.com/TakalaWang | takalawang.github.io/resume

EXPERIENCE

GitRoll

Dec. 2025 – Present

Part-Time Full-Stack Engineer, R&D

- Brought AI-collaboration scoring up to human-reviewer agreement by grading each conversation turn by turn
- Built a validation benchmark that catches scoring regressions before every release
- Designed and delivered the full Skill Challenge flow, from challenge writing to automated grading

Cool English

Jul. 2023 – Present

Part-Time Full-Stack Developer, NTNU Department of English

Taipei, Taiwan

- Led the Speech Examination Platform from scratch, a speaking mock exam used by 1,000+ students
- Reached zero scoring failures in a 2,000-session load test and fixed silent recordings on Apple devices
- Cut teachers' recording work by about 80% with Voice Studio and added voice to the Scenario Chatroom

Acer Medical

Jul. 2025 – Aug. 2025

R&D Summer Intern

Taipei, Taiwan

- Made the aiGait gait-analysis model about 300% faster and deployed it on mobile devices for clinics
- Kept gait measurements accurate when staff blocked the camera by dropping or filling in those frames

EDUCATION

National Yang Ming Chiao Tung University

Hsinchu, Taiwan

M.S., Institute of Computer Science and Engineering

Sep. 2025 – Expected Jun. 2027

National Taiwan Normal University

Taipei, Taiwan

B.S. in Computer Science and Information Engineering; GPA 4.20/4.30, rank 3/50

Sep. 2021 – Jun. 2025

PROJECTS

NOJV | SvelteKit, Temporal, gVisor, Kubernetes

Mar. 2026 – Present

- Founded an open-source online judge for university programming courses and lead its 3-person team
- Serves 300+ students in live courses with 2,000+ submissions graded and up to 100 students online at once
- Kept grading on time during mass regrades and made run-time measurement precise to under 1 ms

Hinagiku | SvelteKit, Firebase, Gemini

Sep. 2024 – Jun. 2025

- Built an AI-guided classroom discussion platform with Academia Sinica and NTNU, piloted in real classes
- Developed the AI chat and summary features that turn group discussions into reports teachers can export

OnStage TW | SvelteKit, PWA

2026

- Built an open-source site that brings Taiwan theatre listings from 6 ticketing platforms into one search
- Covers 529 productions with a youth-ticket filter so students can find shows they can afford

urtube | TypeScript, embeddings, Docker

2026

- Won 1st overall among 600+ developers at BUILDMODE Gen-AI Hackathon 2026 with a 5-person team
- Built the AI that reads YouTube watch history to match people who share real interests

ACTIVITIES & ACHIEVEMENTS

NYCU LIFE: run operations for a GitOps Kubernetes cluster hosting campus services; founded a course planner

GDG on Campus NTNU: core team member and tech speaker; ran talks and study groups for 100+ participants

Hackathon: top 5 of 30 teams at Sea × OpenAI Codex Hackathon Taiwan 2026 with Weave-In

HONORS & PUBLICATIONS

Awards: ICPC Asia Taoyuan Regional Bronze, 2022 and 2023; NCPC 2023 4th, University Division; CPE top 0.6%

Team awards: Formosa Speech Recognition Challenge 2023, 2nd in Hakka Pinyin and 3rd in Hakka Characters

Papers: first-author paper at SLaTE 2025 on speaking assessment; O-COCOSDA 2024; ROCLING 2023

TECHNICAL SKILLS

Languages: TypeScript, Python, Go, Rust, C/C++

Web: SvelteKit, React/Next.js, Astro, Node.js, FastAPI, Prisma, Tailwind CSS, Playwright

Infrastructure: Kubernetes, Docker, Helm, Flux/Argo CD, Temporal, PostgreSQL, Redis, GitHub Actions, Ansible

AI: PyTorch, Hugging Face, ONNX Runtime, LLM evaluation, RAG, Whisper/LoRA, Azure Speech/OpenAI