

So Momma

Software Engineer

+886 912-885-486 | sol0608sol@gmail.com | linkedin.com/in/so-momma | github.com/Sol-momma | sol-momma.com | Taiwan / Chiba, Japan

PROFESSIONAL SUMMARY

Computer Science student at Yuan Ze University (graduating **Jun 2027**) specializing in **full-stack development** and AI systems. Four software engineering roles spanning front-end, back-end, and cloud infrastructure - Python/FastAPI, TypeScript/React, Go, Ruby on Rails, GKE/Terraform - and builds native macOS apps in **Swift**. Works in Japanese, English, and Mandarin teams.

WORK EXPERIENCE

Findy Inc.

Sep 2026

Software Engineer Intern

Tokyo, Japan (On-site)

- Shipped **two features to production in two weeks** on the Findy Careers team (Ruby on Rails, React, GraphQL - first time using Rails and GraphQL), opening **35 pull requests and 47 issues**; gave my first lightning talk at a student LT event.
- Made "who liked and when" always visible on the recruiter messaging screen; surfaced 13 open questions before coding, which reshaped the spec at kickoff; released on day 5.
- Built a "recommendation points" field for job postings end to end (DB column, admin screen, candidate screen); interviewing its internal users extended the scope to the list view.

DMM.com

Aug 2025

Software Engineer Intern

Tokyo, Japan (Remote)

- Built an X-like social networking application (posts, comments, standard SNS features) in Go and Kotlin, focusing on API design, layered architecture, and scalable back-end patterns.

Rakuten Group

Aug 2025

Software Engineer Intern

Tokyo, Japan (Remote)

- Developed a disaster-prevention supply management app in a competitive internship (TypeScript, React, Node.js, Firebase, GCP), with recipe recommendations via the Rakuten Recipe API.
- Presented the technical architecture and product strategy **in English**, collaborating in a team that worked in Japanese, English, and Chinese.

Younap

Jun 2024 - Present

Software Engineer Intern

Tokyo, Japan (Remote)

- Developed KohoAI, Kiei's multi-tenant AI SaaS for PR workflow automation: FastAPI + SQLAlchemy 2.0 REST APIs (Clean Architecture), Celery + Redis, PostgreSQL/Alembic, and React + TypeScript UIs typed end to end via TypeSpec to OpenAPI to generated clients.
- Client project for iPlot Inc. (Jun 2026 - Present): building an LLM-assisted system that fills food manufacturers' raw-material specification sheets (Excel) from an ingredient master (FastAPI, Next.js, PostgreSQL, Terraform on GCP); opened **86 pull requests and 192 commits** improving transcription accuracy, each protected by regression tests.
- Built an internal review tool for the client project that shows output, master, and expected sheets side by side (Univer) and writes reviewer verdicts back to xlsx.
- Deployed on **GKE with GitOps (ArgoCD)** and managed infrastructure via Terraform Cloud; maintained CI quality standards with black, ruff, mypy, and Docker-based local environments.
- Made a Python design-document generator build Excel sheet structures dynamically per design target, preserving template images, data validation, and print settings; 19 unit tests.

PROJECTS

[capsled](#)

Menu-bar app and CLI that turns the Caps Lock LED into a process-running indicator; shipped as a Universal Binary via GitHub Releases and a Homebrew tap.

Swift, macOS

[LumbarSeg](#) Graduation research

In progress: reproducing and improving a four-class lumbar spine MRI segmentation baseline (Modified U-Net) on the SPIDER dataset.

Python, TensorFlow/Keras

EDUCATION

International Bachelor Program in Informatics Yuan Ze University

Sep 2023 - Jun 2027 (expected)

Taoyuan, Taiwan

Coursework: Algorithms and Data Structures, Operating Systems, Computer Networks, Computer Architecture, Artificial Intelligence

SKILLS

Languages: TypeScript, JavaScript, Python, Go, Swift, Ruby, Kotlin, C++, HTML/CSS

Frameworks: React, Next.js, Node.js, NestJS, FastAPI, SQLAlchemy, Ruby on Rails, GraphQL, Django, Gin

Data & Cloud: PostgreSQL, Redis, Supabase, Firebase, Google Cloud (GKE), Kubernetes, ArgoCD, Terraform, Docker, GitHub Actions

Spoken: Japanese (Native), Mandarin Chinese (Intermediate), English (Intermediate)