

Gaoying Wang

Software Developer | AI Evaluation Tooling
gaoying902@gmail.com | +1 (858) 353-0959
gaoyingwang.com | github.com/gaw008
linkedin.com/in/gaoyingwang

EDUCATION

UCLA

Master of Public Policy
2025 | GPA 3.986/4.0

UC San Diego

BA Economics

Minor in Data Science

2023 | GPA 3.757/4.0

Provost Honors

2020–2022

TECHNICAL SKILLS

Python, TypeScript

JavaScript, SQL

Swift, Kotlin

Next.js, React

Node.js, FastAPI

SwiftUI

Jetpack Compose

PostgreSQL, pgvector

Supabase, MongoDB

Redis

AWS, GCP, Vultr VPS

Docker, Git

AI SYSTEMS

LLM tool calling

Hybrid RAG

Response evaluation

Human feedback

Multimodal workflows

LANGUAGES

Mandarin — Native

English — Fluent

GNG VACATION

Software Developer | February 2025–Present

Joined in accounting and revenue analysis; progressed to independently developing AI and operations systems.

Customer service agent

Built a tool-using agent handling ~10,000 guest messages/month, grounded in property knowledge, with staff escalation through Lark.

LLM evaluation tooling

Implemented response scoring for dialogue quality, policy compliance, tool use, and hallucination control. Built a repeat-question evaluation harness measuring precision and recall on synthetic labeled cases.

Feedback and knowledge workflows

Recorded tool traces, verifier decisions, send outcomes, and human reviews with immediate and delayed feedback scoring. Converted staff answers into FAQs and property updates, requiring approval for sensitive fields.

Retrieval and data provenance

Built employee RAG with pgvector, keyword/title search, and reciprocal rank fusion. Developed rental-analysis tools with provenance checks separating sourced inputs, assumptions, and missing values.

Multimodal and platform engineering

Built reference-image cleaning checks with structured findings and retake or manager-review decisions. Independently developed the PMS for 100+ properties, channel synchronization, and native SwiftUI/Kotlin apps.

EARLIER EXPERIENCE

LA District Attorney's Office | Attorney Assistant

Jul–Sep 2024 | Reentry program analysis and reporting.

Suzhou Shuozi | Assistant Project Manager

May–Sep 2023 | Material and kiln-record analysis.