

Mingyue Ma

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Summary

Backend-focused full-stack engineer building Agent/AI infrastructure and productized platforms. Strong at turning ambiguous requirements into executable delivery plans and automated workflows; core stack: Golang / Python. Product-minded and entrepreneurial; leverages Codex / Claude Code / Cursor to accelerate iteration; solid LLM-related coursework and project training.

Core Skills

Golang | Python (FastAPI) | TypeScript/React | PostgreSQL | Redis | Distributed Systems | Microservices | Docker/K8s
Language: English (TOEFL 90+ | GRE 320+ | Fluent in professional communication)

Experience

liblib | Lovart Team (Shanghai)

Jul 2025 – Present

Agent Development Engineer (Full-stack)

- Built a production LLM API gateway (Golang) unifying multi-provider access; implemented routing and traffic governance (rate limiting/degradation).
- Improved streaming reliability with TTFT-based first-token timeouts and automatic downgrade/switchover; established observability and alerting.
- Led migration/refactor of an artifact service from FastAPI to Golang; reduced latency by 80% and increased throughput by 10–20x.
- Delivered a full-stack evaluation platform for batch inference, comparison, and reporting; introduced LLM-as-Judge aligned with human evaluation.

ByteDance | Maoxiang Project (Chengdu)

Feb 2025 – Jul 2025

LLM Data Engineer

- Owned and independently delivered two end-to-end data production solutions (code-only and agent-workflow) for RM RL data; shortened delivery from 30 days to 2 days and saved 2400 person-days.
- Covered collection, cleaning, QA, sampling, and precision/recall validation; iterated multiple prompt and strategy variants to improve data quality and stability.
- Verified data impact via online A/B tests: +5% watch time and +3% messages per user; iterated the workflow based on experiment feedback.

WeBank | KYC-Face Recognition (Shenzhen)

May 2021 – May 2023

Automation Engineer (Automation / Data Tools)

- Built a CLI + configuration-based script management tool to standardize regression, data preparation, and batch jobs; unified logs and result summaries to improve pre-release validation.
- Conducted performance and stability validation with load testing tools across high-concurrency critical paths; achieved the bank's only 100% availability project in 2022.

YangTze River Consulting Service LLC (USA)

Jun 2019 – Feb 2021

Data Engineer

- Built credit risk prediction models (logistic regression / random forest) for banking clients to support default-risk assessment.
- Designed and optimized data pipelines using NumPy/Pandas for cleaning, feature engineering, and preprocessing to ensure consistent and accurate model inputs.

Education

The University of Sydney — Master of Information Technology

Jul 2023 – Feb 2025

Top 10% GPA (QS Top 20)

Penn State — Dual B.S.: Computer Science & Technology / Mathematics

Aug 2015 – May 2019

Top 30% GPA (QS Top 100)

Projects

Kaggle Multi-label Image Classification (Multimodal)

Apr 2024 – May 2024

- Built an image+text multi-label classifier (EfficientNet + TinyBERT); evaluation metric: F1.
- Owned data preprocessing and training/inference; achieved F1=95% and ranked 5/200.