

EDUCATION

The Chinese University of Hong Kong, Shenzhen · B.S. in Data Science and Big Data Technology

Sep 2023 - Jun 2027

Relevant coursework: Data Structures, Database Systems, Machine Learning, Software Engineering, Stochastic Simulation, Probability & Statistics. English-medium academic environment.

TECHNICAL SKILLS

LLM / Agent	LLM APIs, structured output, agent workflows, execution feedback, embedding retrieval, MCP tool wrappers
Engineering	Python, Flask, FastAPI, REST APIs, SQLite, SQL, Git; interface validation and automated testing
Data & ML	NumPy, Pandas, Scikit-learn; data cleaning, feature engineering, model evaluation and visualization

SELECTED AI PROJECTS

- Feedback-Driven Automated Testing Agent ↗ · Local Prototype

2026
- Python · LLM API · Fuzzing · Metamorphic Testing · Evaluation
- Built an agent workflow connecting specification reading, test and metamorphic-relation generation, execution validation and feedback-driven follow-up testing, with model-call and command budgets.
 - Constructed a local key-value-store model covering 28 command types and 20 manually seeded defects, with development and held-out evaluation splits.
 - Implemented failing-test minimization, JSON / HTML reports, source hashing and offline replay; completed LLM API testing and offline regression validation.
- Intelligent Email Routing & Human Review System ↗ · Team Project + Individual Extension

2026
- Python · Flask · LLM API · Microsoft Graph · SQLite
- Contributed to email classification, reply generation and Microsoft Graph integration, then extended the team project with a routing console and traceable processing records.
 - Combined confidence thresholds, risk rules and knowledge-grounding checks to automate low-risk FAQ handling while escalating complex requests and model anomalies to human review.
 - Implemented SQLite-backed send queues, concurrent claiming and review version control; added 54 regression tests and 20 synthetic cases and completed LLM API testing.

EXPERIENCE

- ICBC Jiaxing Branch · FinTech Department Intern · Outstanding Intern

Jul 2026 - Aug 2026
- Completed research on AI-assisted banking-branch transformation, covering policy retrieval, document preparation and workflow coordination scenarios.
 - Designed a multi-agent concept for customer service, employee assistance and risk/compliance roles, including task orchestration, tool use and human confirmation.
 - Produced a demonstration video and poster presenting the business scenarios, human-AI collaboration and source-traceability design.

COMPETITION

- Mathematical Contest in Modeling / Interdisciplinary Contest in Modeling · Successful Participant

2026
- Contributed to mathematical modeling, data analysis, parameter solving, visualization and an English technical paper under strict time constraints.