Jinyuan (Garret) Li

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT Los Angeles, CA
Master of Financial Engineering (MFE) Expected Dec. 2027
UNIVERSITY COLLEGE LONDON (UCL) London, UK
BSc Economics, Expected Upper Second-Class Honours Sep. 2026

- *Relevant Coursework:* Quantitative Economics & Econometrics, Statistical Methods, Applied Economics, Mathematics for Economics

SKILLS & CERTIFICATIONS

- *Programming:* Python (Pandas, NumPy), SQL, R, C++, Java
- *Data & Modeling:* ETL/data pipelines, data collection, data cleaning, data validation, data mining, statistical analysis, hypothesis testing, regression, tree models, Monte Carlo simulation, hyperparameter tuning, data visualization
- *AI & Systems:* RAG, embeddings, vector search, reranking, model lifecycle management, system design, architecture design, API integration
- *Certification:* Baruch College - C++ Programming for Financial Engineering Online Certificate (Dec. 2025 – Feb. 2026)
- *Additional Training:* UCSC Silicon Valley Extension (Jul. 2025 – Oct. 2025) - CMPR.X412 Java Programming I (A); DBDA.X420 Python for Data Analysis (A); DBDA.X415 Relational Database Design and SQL Programming (A)

EXPERIENCE

ZSTACK (SHANGHAI YUNZHOU TECHNOLOGY CO., LTD.) Shanghai, China
Data Scientist Intern Jul. 2026 – Aug. 2026

- Configured a seven-stage FastGPT and Milvus RAG workflow—parsing, chunking, embeddings, retrieval, reranking, citations, and permission isolation—achieving an 84% top-5 hit rate on 50 representative support queries.
- Supported deployment of three model services on ZStack AIOS—Qwen3-0.6B via vLLM, plus BGE-large-zh-v1.5 embedding and BGE-reranker-large—using Python, NewAPI, and Git for configuration version control, GPU allocation, and inference publishing.
- Monitored model operations across four signals—service health, logs, GPU utilization, and inference performance—through cross-functional collaboration with support and infrastructure teams.

SHANGHAI XINGCHENG INVESTMENT MANAGEMENT CO., LTD. Shanghai, China
Private Equity Summer Intern Jul. 2025 – Sep. 2025

- Developed a Python multi-factor pipeline with SQL filtering to collect, clean, and standardize six dimensions—production, utilization, yield, cost, pricing, and supply concentration—and validated outputs in Excel using VLOOKUP and PivotTables.
- Modeled firm performance with Linear Regression, Random Forest, and LightGBM using time-based validation; lowered RMSE by 12% versus the linear baseline and presented feature importance and sensitivity analysis results to senior investment leadership.

CHINA SOUTHERN POWER GRID INTERNATIONAL CO., LTD. (CSGI) Guangzhou, China
Investment & Financing Summer Intern Jun. 2025 – Jul. 2025

- Simulated project cash flows in Python using Monte Carlo methods across four risk variables—FX, interest rates, demand, and operating costs—generating NPV/IRR distributions to quantify downside investment risk.
- Built Excel DCF models with VBA-automated sensitivity tables for overseas energy and BESS projects, reducing scenario-update time by ~35% while evaluating NPV/IRR across five risk drivers in cross-functional assumption reviews.

KPMG HUAZHEN LLP Guangzhou, China
Audit Intern Jul. 2024 – Aug. 2024

- Analyzed hundreds of vouchers with Python-assisted anomaly detection, variance analysis, and cutoff testing, reducing first-pass manual review time by ~25% while retaining human review of flagged items.
- Tested financial records across three evidence sources—invoices, contracts, and ledgers—using Excel VLOOKUP and PivotTables to reconcile records, flag inconsistencies, and support senior review through cross-team collaboration.

ACACIA PARTNERS London, UK
Data Analyst Intern Jan. 2024 – May 2024

- Screened 1,000+ acquisition targets through SQL ETL and data mining, using Excel VLOOKUP and PivotTables to validate four criteria and cut first-pass screening time by ~30% while coordinating broker outreach.

PROJECTS

Chat-First Sports Concierge Agent Jul. 2026 – Aug. 2026
Independent Product Project

- Architected a TypeScript-based chat-first recommendation agent and its SQL data architecture with 18 Given/When/Then acceptance cases, S/A/B prioritization, and IANA/DST-aware scheduling rules.
- Automated confirmation-gated settings, audit logging, one-step undo, and SHA-256 calendar-token privacy controls; verified core behavior with 54 automated tests while owning end-to-end project management.

Jane Street Real-Time Market Data Forecasting — Kaggle Jul. 2025
Silver Medal (Top 3%; 103 of 3,757 teams)

- Engineered a Python feature pipeline from roughly 79 anonymized high-frequency signals, including lagged returns, volatility, and cross-sectional indicators, for streaming market prediction.
- Benchmarked CatBoost and XGBoost with time-based cross-validation and hyperparameter tuning to limit look-ahead bias and overfitting; led the team's model-validation review.

ADDITIONAL INFORMATION

- *Languages:* Mandarin (native)