SIQIN WANG

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CAREER OBJECTIVE

Computing-focused candidate with strong academic performance (GPA 4.5/5.0, Master of Computing at NUS) and a solid foundation in finance (MSc in International Finance, Rennes SB). Experienced in Python programming, recommendation algorithms, and financial modeling. Seeking for an Algorithm Engineering or Backend Engineering internship in 2026 Summer.

EDUCATION

National University of Singapore **Jan 2025 – Present**

Master of Computing

- GPA: 4.5/5.0
- Core Courses: Artificial Intelligence, Enterprise Systems Architecture, Computer Systems, Artificial Intelligence, Data Structures and Algorithms, Deep Learning and Neural Network, Software Engineering on Application Architecture, etc.

ESC RENNES School of Business **Sep 2022 – Jun 2023**

MSc International Finance (FT Finance Rank: 24)

- GPA: 4.6/5.0 (Rank: 1/116)
- Core Courses: Corporate Finance, Exchange Market, Merge & Acquisitions, Financial Engineering, Quantitative Finance, Coding and Data Science, Derivatives Trading, etc.
- Honor: 2022 Rennes Scholarship

Guangdong University of Foreign Studies **Sep 2019 - Jun 2023**

Bachelor of Economics (International Economics and Trade)

- GPA: 3.78/4.0
- Core Courses: International Trade Theory, Accounting, Microeconomics, Macroeconomics, Marketing, etc.
- Honors: 2022 First-class Study Abroad Scholarship, 2021 Comprehensive First-class Scholarship, 2021 Three Good Student Models.

KEY SKILLS

Professional: Python | SQL | VBA | Bloomberg | Word | Excel | PowerPoint
Language: English | Chinese | French (Basic)
Soft: Problem-Solving | Communication | Leadership | Teamwork

WORK EXPERIENCE

Customer Manager (Full-Time) **Apr 2024 – Dec 2024**

China Merchants Bank

- Develop solutions for complex financial requirements, overseeing the entire process from client communication and compliance checks, including Anti-Money Laundering reviews, to final implementation in coordination with product teams.
- Responsible for drafting credit reports for corporate clients, conducting in-depth analysis of clients' financial status, operational performance, and funding needs to provide sound credit recommendations.
- Completed due diligence reports, including financial review and risk assessment, to ensure secure and suitable credit decisions.

Investment Manager Assistant (Intern) **May 2023 – Oct 2023**

Hiway Capital

- Developed work plans aligned with company strategies, identifying project channels and resources.
- Collaborated with investment manager to discover, develop, and screen potential investment projects.
- Assisted in project establishment and investment demonstration, gaining valuable insights into project development processes.

Analyst (Intern) **Jun 2023 - Sep 2023**

Investment Banking Department, China Merchants Securities Co., Ltd.

- Legal Aspects: Contributed to an A-share IPO project by conducting supplier, customer, and related party verification using Qichacha; prepared for legal inquiries by researching and organizing relevant case materials through micro-data platforms.
- Financial Verification: Carried out in-depth travel and cut-off testing of procurement, sales, and R&D activities; completed voucher verification using company's ERP system and original vouchers.
- Project Undertaking: Played a key role in preparation of Pitchbooks and IPO proposal PPTs, focusing on corporate industry research.

PROJECT

Generative Ad Recommendation |Competition Project **July 2025 - Present**

- Overview: Enhanced the SASRec baseline with a generative recommendation setup and engineering optimizations for ad click prediction.

- Feature Engineering: Up-weighted high-importance features based on data statistics, achieving +0.016 HitRate@10 over the official baseline.
- Loss Function & Negative sampling strategy: Replaced BCE with InfoNCE and evaluated in-batch and global-uniform strategies. Adopted global uniform negative sampling with more negatives, delivering +0.023 HitRate@10 and +0.013 NDCG@10 vs. the original model.
- Multimodal Utilization: Applied RQ-VAE to convert high-dimensional multimodal embeddings into semantic IDs, enabling 4096 dimensions multimodal signals with manageable compute and storage.
- Training time optimization: Moved embedding tensorization into the Dataset class so the model consumes and produces pure tensors. Reduced per-epoch training time from ~1.5h to 40min (-56%) and increased throughput by ~2.25×.