

JINFENG JIANG

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EDUCATION BACKGROUND

Santa Clara University

M.S. Leavey Business School, Business Analytics

Expected 06/2026

University of California, Berkeley

B.A. Data Science (CDSS) and Mathematics (Letters & Science)

(Concentration : Applied Mathematics & Modeling)

08/2020-12/2024

PROFESSIONAL EXPERIENCES

Yangtze Consulting Service – Entry-level Engineer

(New Jersey | Remote) *04/2025-02/2026*

- Developed and deployed an AI powered end-to-end travel planning chatbot agent using the LangGraph with customized agentic tools, enhanced hotel marketing strategies to analyze price dynamics with engineering teamwork to deploy the multi-agent chatbots with Multi-agent Evaluation.
- Designed and launched a RAG query app with Streamlit-based User Interface for document upload and query processing. Managed to achieve the end-to-end RAG pipeline, reduced employee query time by 50% and improved retrieval accuracy by 20%.

Outlier AI – AI Trainer

(Part-time | Remote) *06/2024- 01/2025*

- Evaluated and ranked AI-generated responses based on language prompts, ensuring an accuracy of over 98%.
- Analyzed and provided revision on AI output to improve response quality and perform prompt engineering on subject to test.

Chasing Securities Co. Ltd. – Data Analyst Intern

(Hunan) *06/2023- 07/2023*

- Prepared and manipulated financial data with Wind(Chinese Finance market Database) to support client advisory services in achieving a over 10% faster report generation.
- Utilize tools like SQL, Excel, and PowerBI to help achieve data visualization and statistical Regression modeling and Time series analysis.
- Conducted data analysis to provide presentable insights and Powerpoint for client advisors, ensuring accurate prediction and presentable analysis results.

Hunan University Racing Team (HUR) – Summer Engineering Intern

(Hunan) *06/2020- 07/2020*

- Assisted in fine-tuning the engine for optimal efficiency and power output during racing conditions.

TECHNICAL SKILLS

Tools: Python, mySQL, Tableau, Matplotlib, Java, MATLAB, VectorDB, Pandas, SkLearn , PyTorch, TensorFlow

Analytics: Machine Learning methods and Evaluation, RAG, Agentic AI, Multi-agent LLM, Multi-Modal ML, Applied Statistics, Business Analytics, Linear/Non-Linear Optimization, Causal Inference, A/B Testing, EDA, Data Manipulation, Finance and Risk Modeling, Software Engineering, AI-Assisted Development

Languages: English, Mandarin Chinese, Cantonese Chinese

PROFESSIONAL PROJECTS

Specialized Travel-Planning Chatbot | *Python, LLMs, Vector Search, Prompt Engineering*

08/2025

- Engineered a conversational AI assistant leveraging advanced RAG techniques to ingest dynamic, real-time data and generate highly customized, context-aware travel itineraries.
- Optimized vector indexing and semantic chunking strategies, increasing retrieval precision by 35% and achieving a 92% faithfulness score to guarantee reliable, hallucination-free recommendations.

Agentic RAG Database Query System | *Python, LangGraph, Streamlit, Vector DB, SQL*

04/2025

- Architected a multi-agent Retrieval-Augmented Generation (RAG) pipeline using LangGraph to dynamically translate natural language into complex SQL queries, achieving 94% execution accuracy.
- Developed and deployed an interactive Streamlit UI for non-technical stakeholders, visualizing the agentic reasoning process and reducing ad-hoc data extraction time by over 40%.

Text Generation | *Python, TensorFlow 2.0, RNN, LSTM, GRU, NLP*

07/2023

- Engineered a Recurrent Neural Network (RNN) language model in TensorFlow 2.0 to accurately forecast subsequent phrases based on dynamic text inputs.
- Developed robust NLP tokenization pipelines to map raw text into numerical sequences, and integrated LSTM and GRU architectures to overcome vanishing gradient issues, improving the model's long-term contextual memory for sequential data.