

EDUCATION

Columbia University : Columbia Engineering <i>Master of Financial Engineering</i> GPA: 4.08, Core Courses: Stochastic Models, Optimization, Quantiative Risk Management	New York, NY, US Aug 2024 – Dec 2025
Fudan University <i>Bachelor of Science in Data Science</i> GPA: 3.73, Ranking: 4/48 Core Courses: Probabilities, Stochastic Process, Optimization, Database, Statistics	Shanghai, China Sep 2020 – Jun 2024
University of California, San Diego <i>Exchange Program, GPA: 4.0</i> Core Courses: Deep Learning, Algorithm Analysis, Probabilistic Reasoning of AI	San Diego, CA, US Sep 2022 – Dec 2022

PROJECTS

Independent Systematic Quantitative Trading <ul style="list-style-type: none">Developed a complete trading system leveraging the open-source trading framework VNPY, focusing on high-frequency trading in futures marketDesigned and implemented factor and model systems to optimize trading strategies, resulting in an annual Sharpe ratio exceeding 2.0 within a 4-month period in a real-market, live-trading environment	<i>Python, Pytorch, C++, SQL, Git</i>
Intent Classification with Contrastive Learning <ul style="list-style-type: none">A BERT-based model obtaining 86.91% accuracy on <i>amazon massive intent</i> databaseRefined class embeddings using SupContrast model, enhanced clustering and 4.2% improvement in accuracy	<i>Python, PyTorch, Git</i>
Popular Answer Prediction in QA Forum <ul style="list-style-type: none">A multi-approach project on top answer prediction applied in Recommender SystemConstructed a database from Quora website, achieving a model accuracy of 63.2% employing regression and BERT	<i>Python, PyTorch</i>

EXPERIENCE

Quantitative Researcher Summer Intern <i>Squarepoint Capital</i>	Singapore, Singapore June 2025 – August 2025
Quantitative Researcher Intern <i>QTG Capital Management</i> <ul style="list-style-type: none">Built models to synthesize 600+ alpha factors for predictions, elevating team’s accuracy in forecasting future returnsAssisted in managing a daily rebalancing index-enhanced fund, demonstrating a 10% performance increase over the previously deployed models at a scale of 140 million USD, primarily using xgboost and attention-based RNN	Shanghai, China Oct 2023 – May 2024
Quantitative Researcher Summer Intern <i>China Fortune Securities</i> <ul style="list-style-type: none">Researched CTA strategies across various frequencies, applying deep learning models to replicate results from academic papers and reports, including change point detection and LSTM modelsLed implementation of a deep learning workflow, improving efficiency and collaboration for a team of 10Integrated triple barrier method with direct Sharpe ratio optimization to conduct exploratory analysis	Shanghai, China Jun 2023 – Aug 2023

AWARDS

Interdisciplinary Contest In Modeling(ICM) <ul style="list-style-type: none">Analyzed network graphs and relationships between 17 Sustainable Development Goals by multivariate ARIMA modelOptimized prioritization for sustainable development objectives with convex optimization	website	<i>Meritorious Winner (Top 9%)</i>
Kaggle Competition: ICR - Identifying Age-Related Conditions <ul style="list-style-type: none">Developed a stacked model using multiple GBDT algorithms and TabPFN to address a complex categorization problemInnovatively employed MC simulations for features available only during training to enhance testing performance	website	<i>Bronze Medal (Top 6%)</i>

SKILLS AND INTERESTS

Languages	: Python, R, C/C++, Matlab, HTML, CSS, Git, TeX
Tools	: Numpy, Pandas, Pytorch, Tensorflow, MySQL