

YI QIN

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EDUCATION

NEW YORK UNIVERSITY

New York, NY

The Courant Institute of Mathematical Sciences

M.S. in Mathematics in Finance (expected Dec 2022)

- **Future Coursework:** java object-oriented software, Runge Kutta and collocation methods, QR method for finding eigenvectors, data cleaning, risk neutral valuations, Black-Scholes formula and applications to stochastic processes, Brownian motion (BM) and the Ito integral, Ito's lemma and Girsanov's theorem, portfolio optimization, risk measures (VaR and expected shortfall)

THE OHIO STATE UNIVERSITY

Columbus, OH

B.S. in Mathematics (Aug 2016-May 2020)

- **Coursework:** calculus, differential equations, linear algebra, probability and statistics, real analysis, binomial asset pricing model, measurement of interest, Green's, Stokes', and divergence theorems, Markov Process, Red-Black Tree, data structure
- **Achievements:** 3-year Dean's List, Merit and Need-based Awards (Scholarship) in 2019, Latin Honor magna cum laude (Each student who graduates with a GPA of 3.70 to 3.899 and completes a minimum of 60 graded semester hours of coursework at Ohio State will receive the magna cum laude designation upon the diploma and transcript)

EXPERIENCE

DACHENG FUND CO., LTD

Beijing, CN

Quantitative Consultant Assistant (Jun 2019-Jul 2019)

- Investigated on the AI investment consultation service, analyzed operational situations of chosen sample companies, and formed a report to show the growing trend of AI investment
- Tested on the AI investment consultation service system, produced the portfolio performance report, and calculated the accuracy of simulated investment portfolios to improve the system
- Manipulated the simulated SQL database, introduced investment portfolios and evaluated those with net value charts to develop optimized, average and worst performance portfolios

AVIC SECURITIES CO., LTD

Zhengzhou, CN

Investment Consultant Assistant (Jun 2018-Aug 2018)

- Assisted the investment consultant to update and maintain the integrity of the customer's information, such as financial instruments, transaction records and risk assessment reports
- Collaborated with investment consultants to analyze the daily financial news report and informed and made recommendations to clients with considerable investment portfolios
- Supervised total assets and total liabilities of the customer who had securities margin trading, calculated the maintenance guarantee ratio base on that data

INTERNATIONAL STUDENT SERVICE

Vice President (Dec 2016-Dec 2017)

Columbus, OH

- Organized regular and e-board meetings and coordinated between departments
- Recruited new members and conducted the final review of the resume
- Contacted with local business managers to seek potential sponsorships, business opportunities and successfully raised funds for the organization

PROJECT

THE OHIO STATE UNIVERSITY

Columbus, OH

Media Manager Database System for a Local Library (Oct 2019-Dec 2019) (SQL)

- Mapped Enhanced Entity Relation Model to a Relational Schema based on the requirement
- Collaborated with the team to build SQL database system by manipulating the sample data

COMPUTATIONAL SKILLS/OTHER

Programming Languages: Java, MATLAB, SQL

Languages: Mandarin (native), English (fluent)