

Qimeng Fang

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EDUCATION

University of Michigan

Bachelor of Science in Mathematics of Finance and Risk Management

Ann Arbor, MI

Aug 2022 - May 2026

- **Cumulative GPA:** 3.92/4.0
- **Relevant Coursework:** Probability Theory, Real Analysis, Linear Algebra, Honors Multivariable Calculus, Honors Differential Equations, Mathematics of Finance, Theoretical Statistics, Programming and Introductory Data Structures
- Top 500 in the 2023 William Lowell Putnam Mathematical Competition (1 of 7 UMich Awardees)
- Hong Kong Mathematical Olympiad Gold Medalist - Top 17 in Hong Kong

PROFESSIONAL EXPERIENCE

Uphill Partners LLC

Private Equity Analyst Intern

Detroit Metro Area, MI

Aug 2024 – Present

- Completing an internship at Uphill Partners LLC, a search fund seeking Michigan-based LMM businesses to acquire and operate, working directly with the firm's principal partner to conduct extensive market research and financial modeling
- Constructed 10+ profiles of high-value acquisition targets with \$400K-\$1M EBITDA, analyzing revenue growth rates, market sizing, sector tailwinds/headwinds, investment considerations, and value creation opportunities
- Examined company financial statements to assist in the development of financial models for valuation and transaction structuring purposes; forecasted key model P&L drivers and assessed various returns scenarios

Lingjun Investment

Quantitative Trader Intern

Beijing, China

July 2024 – Aug 2024

- Reviewed 20+ academic and industry papers on algorithmic and high-frequency trading and limit order book dynamics; developed Python programs to validate and replicate paper conclusions by running trials using historical market data
- Analyzed price and volume data from major stock exchanges to validate mathematical and statistical models on portfolio rebalancing, tail risk, and mean reversion; experimented and presented ideas for arbitrage trading and Alpha generation
- Created algorithms incorporating NumPy to cleanse factor data and compute key risk and volatility indices; implemented various orthogonalization methods to address issues such as correlation and multicollinearity in factor analysis

Lakevision Capital

Investment Management Intern

Santa Clara, CA

May 2024 – July 2024

- Collaborated on simulations for property development and acquisition using core asset investment model; referenced data from Yardi reports of existing properties to estimate rental income, operating expenses, and debt leverage
- Utilized Openpyxl to evaluate historical asking rent data from 40+ competing properties; conducted statistical analysis to identify seasonal and unit-type variations in market net rent to inform pricing and concessions strategies
- Researched factors affecting property value and acquisition cost such as demographic changes, industry growth, and construction/zoning policies; presented comprehensive evaluations of current portfolio and pipelines at weekly meetings

Michigan Math and Science Scholars

Teaching Assistant and Counselor

Ann Arbor, MI

June 2023 – Aug 2023

- Supported 15+ scholars in *Art and Mathematics* by explaining problems and concepts such as symmetry, fractals, and dimensions while actively communicating with scholars to encourage participation and grasp depth of understanding
- Supervised 130+ high school students by completing 3 daily check-ins, transporting campers from airport, answering calls from parents, and hosting multiple social activities and excursions to build safe and enjoyable camp experiences

EXTRACURRICULAR INVOLVEMENTS

Michigan Math Meet – President

Sept 2022 – Present

- Hosted biannual math tournaments for high schoolers through drafting and revising short-answer and proof problems, screening problems sets for errors and difficulty mismatches, and tracking progress in problem writing and proofreading
- Familiarized 25+ problem writers and organizers with club functions; corresponded with department faculty, educational institutions, and other math contests to improve tournament attendance; solicited \$5000+ in funding from quant firms

Economics Investing Committee – Vice President

Sept 2022 – Present

- Oversaw investment team competition and guided 45+ members to build diversified stocks and options portfolio; led team to create stock pitches that incorporated relative and intrinsic (public comps, DCF) valuations utilizing FactSet data
- Collaborated with executive board to evaluate and interview 100+ prospective and select ~15 new analysts per semester; modified recruitment process to include coffee chats and mock meetings to better assess ability and fit of applicants

ADDITIONAL

- Languages: English (Native), Mandarin (Native), Cantonese (Conversational), Spanish (Conversational)
- Technical Skills: Microsoft Office Suite (Excel, PowerPoint, Word), Google Suite, Python, C++, LaTeX