JIAQI (PETER) ZHANG

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EDUCATION

Expected 12/26 **NEW YORK UNIVERSITY** New York, NY
The Courant Institute of Mathematical Sciences
M.S. in Mathematics in Finance
- *Expected Coursework:* object-oriented programming, Brownian motion, Ito integral, Black-Scholes, derivatives valuation, stochastic processes

09/21 - 05/25 **NEW YORK UNIVERSITY** New York, NY
B.A. in Mathematics and Economics
- *Coursework:* corporate finance, data structure, probability & statistics, numerical analysis, ordinary differential equations, optimization, stochastic calculus
- *Honors/Awards:* Founders Day Award, cum laude

EXPERIENCE

05/25 - 08/25 **NEW YORK UNIVERSITY** New York, NY
Mathematics Tutor
- Tutored 30+ students in algebra, calculus, and statistics, improving average test scores by 20% through personalized lesson plans and problem-solving strategies
- Provided one-on-one tutoring in mathematics to more than 10 students, helping them build confidence and strengthen quantitative skills

12/22 - 01/23 **TAKENAKA PARTNERS** Los Angeles, CA
Investment Banking Winter Analyst (SQL, PitchBook)
- Evaluated and identified more than 100 targets for each client as part of targeted screening process for 2 buyside mandates in surgical navigation and kitchen maintenance service industries
- Brainstormed potential synergies through market research, and ranked targets using internal scoreboard with various criteria; estimated targets' annual revenue and revenue multiple ranges

09/22 - 11/22 **INDEPENDENT INVESTMENT BANKERS CORP** Austin, TX
Investment Banking Fall Analyst (S&P Capital IQ)
- Engaged in 3 sell-side M&A transactions and collaborated on teaser preparation
- Developed lists of more than 400 potential financial and strategic buyers, coordinated more than 10 conference calls; communicated on follow-up materials; updated buyers' interests

05/22 - 08/22 **BONDCLIFF PARTNERS** Boston, MA
Private Equity Summer Analyst (Excel, PitchBook)
- Conducted proprietary deal origination and screened 500 healthcare software companies for potential buyouts; updated database, drafted outreach emails, and prepared for conference calls
- Researched electronic health records industry, including summarizing annual filings of industry leaders and gauging key trends by speaking to industry experts
- Analyzed targets' business models, software features, competitions, and key customers

PROJECT

11/24 - 12/24 **NEW YORK UNIVERSITY** New York, NY
Strassen's Algorithm Analysis (Python)
- Performed in-depth analysis of Strassen's matrix multiplication algorithm, reducing time complexity, and benchmarked it against classical methods using Python
- Investigated numerical stability, memory usage, and threshold effects through log-log runtime plots, providing practical insights into Strassen's algorithm limitations and applicability
- Designed research poster and delivered formal presentation to communicate technical findings and practical implications of Strassen's algorithm to professors and classmates

COMPUTATIONAL SKILLS / OTHER

Programming Languages: Python, Java, SQL
Languages: English (fluent), Mandarin (native)
Activity/Affiliation: NYU Chinese Finance Club (Mentee), NYU Math for Economics Recitation Leader