# Megan (Qimeng) Guan

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## Skills and Credentials

**Programming**: Python, C++
**Mathematics**: Stochastic Calculus, Computational Methods, Time Series Analysis
**Certifications**: C++ for Financial Engineering, Bloomberg Market Concepts

## Education

Boston University, Questrom School of Business — Boston, MA
**M.S. Mathematical Finance & Financial Technology** — Expected January 2022

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

University at Buffalo, The State University of New York — Buffalo, NY
**B.S. in Business Administration [GPA 3.86]** — June 2020

- Financial Analysis Concentration, Minor in Mathematics
- Awards: Dean's List (all semesters), Summa Cum Laude
- Coursework: Ordinary Differential Equations, Linear Algebra, Statistic Decisions in Management(Excel)

## Experience

BDFT Funds — Shanghai, China
**Assistant to Manager** — May 2019 - July 2019

- Investigated buyers' risk assessment and actual risk tolerance, and tracked their trading behavior in the stock market and prepared a report on investors' risk ratings using Excel and Python
- Reached out to potential clients via WeChat to build interest in company's products; identified target investors and delivered presentations to close deals

UB Equity Research Group — Buffalo, NY
**Research Analyst** — January 2019 - May 2019

- Conducted extensive research and analyzed 10 stocks in the media and fast-moving consumer goods industry through qualitative and quantitative analyses and financial models (DCF)
- Compiled three reports related to investment opinion based on research and analysis, and presented a series of stock pitches in front of industry professionals, professors and classmates
- Lead team of six students to build a stock portfolio and trade on Thinkorswim platform; provided recommendations to portfolio manager on potential investment opportunities

## Projects

**CVS Business Strategy Analysis Team Project** — February 2020 - April 2020

- Collaborated with four team members to investigate the 10-K of CVS Health Corporation and illustrated six customer-resources-value proposition relationships and four business strategy models including SWOT and BCG in project deliverable

**The Correlation Between Income and Risk Attitude in China** — January 2019 - May 2019

- Researched and analyzed the current status of wealth inequality (Gini Index) in China;
- Collected data from World Bank, Chinese regulatory websites, research publications; and utilized ANOVA test to draw the relation between disposable income and people risk appetite

## Additional Information

Languages: Mandarin, English, Japanese (elementary)
Interests: playing guitar, cooking, drawing, playing golf, designing Washi tape (WeChat seller)