



# Jie Shi

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## Summary of Strengths

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- Exceptional problem-solving and analytical skills; capability of thinking creatively and conducting independent research in both academic and applied fields
- Strong time-management and organization skills; ability to handle multiple tasks and deliver high-quality results
- Solid verbal and written communication skills demonstrated in school projects and working environment
- Work well independently and as part of a team with minimum supervision
- Technical Skills: Advanced: Stata, Matlab, Excel; Intermediate: Unix, IBM Algo Risk Aggregation, Algo RiskWatch, Python, R and SAS

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## Education

### Master of Financial Economics Candidate

University of Western Ontario, London, ON

Expected December 2021

### CFA Level I Candidate

Expected June 2021

### Bachelor of Arts, Honors Economics

Queen's University, Kingston, ON

Sept. 2015 - April 2020

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## Relevant Assignment

**Econometrics:** Estimating the effectiveness of quantitative easing

Sept. 2019 - Dec. 2019

- Conducted a Vector Autoregression to estimate the effectiveness of quantitative easing using Matlab
- Analyzed an impulse response function on the quantitative easing shock to examine both upper and lower bound of 95% confidence intervals
- Conducted the T-test and F-test by setting the null and alternative hypothesis; evaluated results based on the P-value from the test
- Successfully found that quantitative easing has a significant positive effect on stimulating the GDP

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## Working Experience

### Data Analyst

May 2018 - Aug. 2018

IBM, Toronto, Ontario

(full time)

- Ensured the soundness of Market Data and Instrument Data used to model Equities, Fixed Income Instruments and Derivatives
- Improved quality of market data time series used for Monte Carlo simulations, by eliminating wrong format and invalid data
- Assisted with regression testing of new product/platform released
- Discovered and reported issues found in instruments and provided solutions to Risk Consultant
- Demonstrated ability to diagnose data issues using Algo RiskWatch, Algo Risk Aggregation

### Financial Advisor Assistant

Jul. 2017 - Aug. 2017

Industrial and Commercial Bank of China, Jiangsu, China

(full time)

- Communicated with clients to understand their needs and objectives; provided professional advice accordingly
- Effectively promoted benefits of financial products to clients to meet clients' objectives
- Addressed inquiries and complaints from clients in a professional and proactive manner
- Assisted senior advisors on building and developing deep client relationship through regular contact