

Zirui Wang

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EDUCATION

The University of Manchester	Manchester, UK
- <i>PhD in Financial Mathematics</i>	09/2025 – 06/2028
- Supervisor: <i>Goran Peskir</i>	
The University of Manchester	Manchester, UK
- <i>MSc in Mathematical Finance</i>	09/2023 – 12/2024
- Thesis “ <i>Quickest Real-Time Detection of Arbitrage Opportunities</i> ”, Supervisor: <i>Goran Peskir</i>	
- Courses: Stochastic Calculus, Martingale Theory, Stochastic Modelling, Stochastic Control, Brownian Motion, Computational Finance	
- GPA: 3.96/4.0, Distinction with average 83.25/100	
University of Western Ontario	London ON, Canada
<i>Bachelor of Management and Organizational Studies (Specializing in Finance)</i>	09/2019 – 05/2023
- Dean’s Honour List 2019 & 2022	
- Relevant Courses: Calculus I & II (A), Matrix Algebra (A), Intermediate Microeconomics (A), Intermediate Macroeconomics (B+), Econometrics I & II (A), Advanced Corporate Finance (A), Derivatives (A)	

RESEARCH INTERESTS

Financial Mathematics, Optimal Stopping, Stochastic Control, Stochastic Analysis

SKILLS

Standardized Test Results: GRE General Test: 332 – Quantitative: 170/Verbal 162/Analytical Writing 4.5

Technical Skills: Python, SQL, Tableau, R Studio, C++ (learning)

Workshops, Projects & Courses:

- R for Economics Project at UWO with a grade of 85/100
- EDHEC Business School/Coursera.org – Investment Management with Python and Machine Learning (learning)
- Peiking University/Coursera.org – Program Design and Algorithm with C++ (learning)

WORK EXPERIENCE

Qingdao City Construction Investment Group	Qingdao Shandong, China
Investment Analyst Intern	06/2023 – 08/2023
- Conducted market research for potential investments, resulting in weekly reports to guide decision-making	
- Examined trading strategies from research papers, producing evaluation highlighted potential profitability	
Qingdao Airlines Co., Ltd.	Qingdao Shandong, China
Business Analyst Intern	04/2021 – 07/2021
- Collaborated in formulating C round financing and underwriting prospectus for IPO with Dongxing Securities	
- Conducted financial analysis and suggested in the 2021 semi-annual report to suspend IPO for recovering financial stresses resulted from COVID-19	
The Bank of China (Tai’an Branch)	Tai’an Shandong, China
Personal Digital Financing Intern	12/2020 – 03/2021
- Managed daily data from 10 branches of all personal loan and financing services and conducted data visualization for all data of personal savings, housing loans, and securities purchases with Excel and Tableau	