

# JIAQI (GEORGE) YE

(347) 534-5818 // [jiaqigeorgeye@nyu.edu](mailto:jiaqigeorgeye@nyu.edu) // [linkedin.com/in/jiaqigeorgeye](https://www.linkedin.com/in/jiaqigeorgeye)

## EDUCATION

---

- Expected 12/23 **NEW YORK UNIVERSITY** New York, NY  
**The Courant Institute of Mathematical Sciences**  
**M.S. in Mathematics in Finance**
- **Expected Coursework:** object-oriented programming (Java), penalized regression, decision trees, linear regression, Fama-French, Black-Scholes, stochastic processes, Hull-White model
- 08/19 - 05/22 **NEW YORK UNIVERSITY** New York, NY  
**B.A. in Mathematics**
- **Coursework:** multivariable calculus, linear algebra, probability, statistics, numerical analysis, real analysis, data structures, algorithms, financial accounting, economics
  - **Minor:** Computer Science
  - **Honors/Awards:** Degree with Distinction; Dean's List for 5 semesters

## EXPERIENCE

---

- 06/21 - 08/21 **SHENWAN HONGYUAN CO., LTD** Beijing, China  
(Top 10 securities firm in China)  
**Quantitative Research Intern**
- Priced convertible bonds with Black-Scholes model and Monte Carlo simulation in Python; built convertible bond index in Excel
  - Audited 3 asset securitization investment projects; analyzed and integrated information and data according to clients' promotional material; crafted reports and presented to manager
  - Predicted cash flow for asset securitization investment projects using Excel; created tables to visualize data and ensured their accuracy
  - Updated and supplemented research reports of clients China Railway, China Communications Construction, China Railway Construction, and China Power Construction
- 07/20 - 08/20 **KPMG CHINA** Shanghai, China  
**Audit Intern**
- Audited over 3,000 car replacement contracts; checked their accuracy and formatting
  - Collaborated with team members on creating and presenting audit reports to partners

## PROJECT

---

- 11/20 - 12/20 **NEW YORK UNIVERSITY SHANGHAI** Shanghai, China  
**Welfare and Inequality in China**
- Collected data and analyzed relationship among the level of education, medical treatment, and inequality in different provinces in China
  - Applied linear regression to calculate relationships among different provinces' data; used hypothesis testing to determine which data was relevant
  - Summarized data in Excel and applied GeoDa to make visualization about inequality; wrote reports and presented findings

## COMPUTATIONAL SKILLS / OTHER

---

**Programming Languages:** Java, Python, C, MATLAB, R

**Languages:** English (fluent), Mandarin (native)

**Affiliation/Certification:** CFA Level I candidate

**Other Experience:** English Language Teaching Assistant, Martz Educational Institute in Soochow, China