Jiangshan(Anna)Ni

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EDUCATION

Columbia University | Graduate School of Arts and Sciences   **New York City, United States**
M.A. in QMSS, Data science focus GPA 3.8   09/2016-12/2017
Coursework: Quant Theory(R), Data visualization, Time Series, Machine learning, Capital Markets and Investments.
GRE (Quant 170/170, Verbal 158/170)

Peking University | Guanghua School of Management   **Beijing, China**
B.A. in Economics, Major in Finance and Banking   09/2011-06/2015
Courses: Probability and statistics (linear regression), Option Pricing, Financial Risk Management, Econometrics, Fixed Income Securities, Investments, Optimize Operation Research, advanced mathematics I&II.

EXPERIENCE

Research Assistant Columbia University   **New York, USA**
Part-time Assistant, School of Economics   *01/2017-present*
- **Data analysis:** Collect and calculated data from global telegraph expansion from 19 Century.

China International Capital Co., Ltd.   **Beijing, China**
Quantitative Intern, Sales and Trading Department   12/2014 – 3/2015
- **Quantitative Research:** Programmed a risk evaluation procedure analyzing portfolio risk level by using daily trading volume analysis and portfolio volatility.
- **Trading Analysis:** Building an automated EXCEL spread sheet to calculate yield of daily total return swap(TRS) and index futures for 400 million RMB daily volume in China and Hong Kong markets.
- **Derivatives Pricing:** Proposed option and future pricing products for products design.

PricewaterhouseCoopers Beijing Branch   **Beijing, China**
Audit Intern, Assurance Audit   06/2013-08/2013
- **Event Study**: Participated in the interim audit project for a state-owned corporation by handling payroll expenses, accounts payable, accounts receivable, equipment expenses and payroll tax liabilities using professional accounting knowledge. Checked the samples about 2000 cases.
- **Data Analysis**: Used R for data processing and report generation. Engaged in the year-end audit project of the company.

Projects & Activity

Econometrics Thesis: The correlation between left-behind children in rural area and household income
- Cleaned and merged data by using SAS from CFPS (Chinese Family Panel Studies) to analyze the education and income level about 20 years of households.
- Used IV to build treatment effect model and identify education parameter of different regressions.

Peking University Traditional Chinese Orchestra   **Beijing China**
Leader in Chinese Plucked String Instrument Department   09/2011 – 07/2015
- Communication skills: Led the team of 50 members participated national music competition in 2013.Worked out the timeline and learned to focus entirely on my duties. trained the members weekly.
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SKILLS

- **Computer Skill:** R, Python, Matlab, VBA, SAS, SQL, Bloomberg.
- **Interests:** Piano; Ruan (Chinese instrument); Japanese(Basic), Swimming, National Level 3 athlete.