

XINRAN LIU

■ 518-258-6804 ■ xinran.liu@nyu.edu ■ linkedin.com/in/xinran-liu-nyu

EDUCATION

NEW YORK UNIVERSITY

New York, NY

The Courant Institute of Mathematical Sciences

M.S. in Mathematics in Finance (expected Dec 2022)

- **Coursework:** computing in finance, numerical analysis in finance, Monte Carlo, machine learning, Black-Scholes, investment portfolio, asset management, Greeks, and project making

UNIVERSITY OF CALIFORNIA IRVINE

Irvine, CA

Bachelor of Physical Science and Social Science

Applied Mathematics and Economics (Dec 2020)

- **Coursework:** multivariable calculus, ordinary and partial differential equations, linear algebra, probability, linear regression, numerical analysis, real analysis, group and set theory, math modeling, finance, micro and macro economy, and physics.
- **Awards:** Latin Honors in both majors, Pi Mu Epsilon, and Magna Cum Laude (top 6 %)

EXPERIENCE

FORTUNE CAPITAL (a Top 3 Venture Capital Company in China, managing 36 billion yuan funds and successfully investing more than 600 companies)

Guangzhou, China

Intern (April 2021 – June 2021)

- Assigned to cooperate with an experienced investment manager to finish the due diligence draft and minutes of meeting after investigating potentially investable companies in intelligent manufacturing
- Conducted industry analysis in unmanned automobiles
- Analyzed the Chinese intelligent manufacturing industry for potential investment in companies
- Constructed the industry structure of unmanned driving teaching through the business plan provided by Yi Tong Gong Xiang Company, and attended managers meeting for due diligence

ZHONG DE SECURITIES COMPANY LIMITED (a Sino-foreign joint Company with Deutsche Bank)

Beijing, China

Intern (August 2019 – September 2019)

- Analyzed stocks in the Chinese Science and Technology Innovation Board and companies in it
- Working through the process of companies' IPO and the IPO standard by learning the relevant Chinese laws and by going through the prospectus of each company in detail

PROJECT

UNIVERSITY OF CALIFORNIA IRVINE

Irvine, CA

Analyzing the Relationship between Stock Market Return and the Confirmed Covid-19 Cases

(two and half months)

- Collecting data of Stock Market Return from S&P 500 and confirmed Covid-19 cases from the website of John Hopkins Universities
- Using linear regression method to construct a model of the relationship between the whole market and some single typical companies such as Coke Cola and Zoom, versus the covid cases
- Analyzing the result of the model and finding out that the confirmed Covid-19 cases were not relevant to the market return of the technology companies like Zoom, but are relevant to daily necessity companies like Coke Cola

COMPUTATIONAL SKILLS/OTHER

Programming Languages: MATLAB, EViews, and JAVA

Languages: Chinese and English