

# XUYANG LIU

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## SKILLS AND CREDENTIALS

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**Programming:** MATLAB, Python

**Mathematics:** Stochastic Calculus, Computational Methods, Time Series Analysis

## EDUCATION

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**M.S. Mathematical Finance & Financial Technology** Expected in January 2023  
Boston University, Questrom School of Business Boston, MA

- Coursework: Statistics, Programming (R, Python), Stochastic Methods of Asset Pricing

**B.Economics. Financial Engineering** June 2021  
Sichuan University(SCU) Chengdu, China

- Scholarships: Second-class Scholarships in 2019/2020 & 2018/2019 & 2017/2018 academic years.
- Coursework: Econometrics, Multivariable Calculus, Probability & Statistics, Ordinary Differential Equations, Linear Algebra, Corporate Finance, International Economics

## EXPERIENCE

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**Manager Assistant Intern** July 2020 - August 2020  
China Galaxy Securities, Sanjianglu Business Division Lanxi, Zhejiang, China

- Got trained on the fundamental and technical analysis of stocks, received clients and guided clients in wealth management.
- Collated the financial indexes of target companies from financial databases such as Wind to assist the financial manager in conducting the fundamental analysis of the stocks.

**Sales Division Intern** January 2020 - February 2020  
China Construction Bank, Jinhua Branch Jinhua, Zhejiang, China

- Recommended financial products to potential customers and guided in relevant businesses.
- Prepared materials for meetings with prospective customers and recorded customer resources.

## PROJECTS

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**Financial Risk Management- undergraduate course project** Spring 2020

- Calculated and analyzed the value at risk (VaR) of the portfolio using three methods, including historical simulation method, variance covariance method and Monte Carlo simulation method.
- Conducted data analysis and the visualization of the portfolio by MATLAB.

## ADDITIONAL INFORMATION

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**Languages:** Mandarin, English

**Interests:** Singing, Hiking and Movie Appreciation