

# RuiXiang Luo

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Peking, China



## EDUCATION

### Peking University

Sep 2020 - Jul 2024

Mathematics and Applied Mathematics

GPA: 3.2/4.0

Rank 60%

Have got good grades in some major classes, such as Mathematic Statistics 89, An Introduction to Analysis of Financial Data 92, Financial Economics 93, Topics in Quantitative Finance 89, Mathematical Methods in Finance 98.5

## SKILLS LIST

**Mathematics and statistics** : mastering Mathematical Analysis ,Advanced Algebra ,Probability Theory , Mathematic Statistics and Applied Stochastic Processes

**Financial skills**: I have a solid foundation in finance and have taken relevant financial courses, including Introduction to Financial Mathematics, Financial Economics, Security Investment, Topics in Quantitative Finance, Derivatives Pricing and Applications, An Introduction to Analysis of Financial Data, Financial Modeling and Quantitative Investment, Life Insurance Mathematics, Mathematical Methods in Finance.

**Programming** : Master computer programming language, data structures and algorithms, with c and python language programming skills

## PROJECT EXPERIENCE

### NSD Summer school project "Topics in Quantitative Finance"

Jul 2022 - Aug 2022

Familiar with Ito integral and the pricing model of derivatives like BSM and beyond .My work is using python to do Monte Carlo Simulation in option pricing.

### PKU 3+X Program

Sep 2022 - Nov 2022

Participated in PKU 3+X Program. Joined a financial discussion group and talked about some financial papers about financial economics.

### course report of Financial Economics

Dec 2022 - Jan 2023

do some research on Capital Asset Pricing Model (CAPM) with drawdown measure

### course report of Life Insurance Mathematics

Mar 2023 - May 2023

did some research on the simplified model of epidemic insurance, and numerical experiments were conducted with COVID-19

## SKILLS, CERTIFICATIONS & OTHERS

- **Languages**: CET-6 scored 557

## HONORS & AWARDS

Provincial First Prize in National Mathematics High School League

2019

Chinese Mathematical Olympiad(CMO) Silver

2019

Second Prize of National University Mathematics Competition

2021