Jieyi Huang

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EDUCATION

University of Manchester   Manchester
BSc Mathematics with Finance   September 2022 | June 2025

New Oriental Beijing   Beijing, China
International Foundation Year Programme (Business) A*AB   June 2021 | June 2022
Subjects: Maths Business, Business Studies, Economics

EXPERIENCE

Bank of China   Hunan, China
Intern (Finance)   June 2024 - August 2024

- Participating in client asset management, learning financial product knowledge, and assisting in market analysis and risk assessment.
- Understand the work process of financial advisors, master the necessary financial knowledge and skills, and cultivate sensitivity to market dynamics.

正德联合会计师事务所   Hunan, China
Intern (Audit)   June 2023 - August 2023

- Responsible for the company's daily financial information processing, reviewing financial invoices, and participating in the company's account sorting and verification.
- Learn Oracle software operation, export and summarize various reports.

德立杰实业有限公司   Hunan, China
Intern (Finance)   June 2022 - August 2022

- Involved in some work such as working paper data analysis, report drafting, and bank confirmation after learning the basic audit procedures

PROJECTS

Risk Theory Coursework
Project Link: `https://jieyihuang.github.io/risktheory.html`   March 2025

- Used *kmeans()* to find the optimal number (K) of clusters for a given dataset.
- Visualised the copula graphs and compared the patterns according to different theta values.

Blogpost
Project Link: `https://jieyihuang.github.io/blogpost.html`   December 2024

- Analysed a documentary to help readers better understand a challenge confronting China today: "Should people defined as abnormal according to the traditional Chinese stereotypes be accepted as normal?"

Foreign Policy Memo
Project Link: `https://jieyihuang.github.io/foreignpolicymemo.html`   November 2024

- Analysed an issue in UK-China relations and make specific policy recommendations to the Chinese government.

Programming with Python Coursework 3
Project Link: `https://jieyihuang.github.io/pythoncw3.html`   January 2024

- Created the Nine Men's Morris game with Python.

Programming with Python Coursework 2
Project Link: `https://jieyihuang.github.io/pythoncw2.html`   November 2023

- Created functions to imitate playing cards (e.g. create new deck of cards, perform riffle shuffles, deal cards and sort a hand of cards in suit-major order

Programming with Python Coursework 1
Project Link: `https://jieyihuang.github.io/pythoncw1.html`   October 2023

- Created functions to analyse numbers: Check if a given number is prime; implement numerical limiters: WENO and MINMOD; compute modular exponentiation; test whether a given number satisfies a modified Knödel condition.

SKILLS

- **Data Analysis:** Proficient in R, Python
- **Software:** Proficient in RStudio and MS Office
- **Languages:** Mandarin (Native), English (Fluent)