

Hao Chen

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EDUCATION

Nanjing Agricultural University (NAU), School of Finance

Nanjing, China

B.M. in Accounting

09/2019-Present

- GPA: 3.89/4.0 (90.52/100); Ranking: Top 20%
- Honor: Second Prize Scholarship (2019)
- Core Courses: *Big Financial Data Analysis(A)*, *Python Programming(A)*, *Management Information System(A)*, *Applied Statistics(A)*, *Econometrics(A)*, *Linear Algebra(A)*, *Calculus*, *Probability Theory and Mathematical Statistics*, *Advanced Financial Accounting(A)*, *Auditing(A)*, etc.

RESEARCH EXPERIENCE

The effect of blockchain on stock price crash risk: quantitative research

NAU, Nanjing

Undergraduate Research Training Program

03/2021-06/2022

- Built a dataset on 38 listed companies across 7 industries that integrated blockchain technology into operations and their stock price performance from 2017 to 2022;
- Performed multiple linear regression analysis with backward elimination in STATA and used PSM(Propensity Score Matching) to do robustness check;
- Results showed that the use of blockchain tech decreased the risks of stock price crashes.

WORKING EXPERIENCE

Bigo Technology Pte. Ltd. (a network-based video broadcasting company)

Guangzhou, China

Financial BP Intern

05/2022-08/2022

- Tracked, monitored, and analyzed user data generated by Likee (a global short video platform) to improve user experience, retention, and conversion;
- Wrote a competitive analysis report by analyzing the business model of 5 global short video platforms in terms of value proposition, revenue source, key operations, and cost structure based on first-hand data crawled from these platforms.

China Life Insurance Co. Ltd.

Shantou, China

Summer Intern

07/2021-08/2021

- Created internal tools using Excel VBA and Macro to automate tax calculation and regular reporting;
- Maintained and managed the insurance claims database using a Python crawler;
- Used CRM and agency management systems to generate more leads and improve customer journey.

PROJECT

Independent Project: Financial Information Visualization Dashboard

05/2022-08/2022

- Used Python (plotly, sklearn, Numpy, Pandas) to create a website analytics dashboard [REDHAWC](https://redhawc.github.io) for selected listed companies.

Kaggle Competition: NBME - Score Clinical Patient Notes

03/2021-06/2022

- Built DeBERTa models in Python to identify specific clinical concepts in patient notes;
- Entered the Top 23%.

Kaggle competition: H&M Personalized Fashion Recommendations

03/2022-05/2022

- Developed content-based recommendation systems in Python;
- Entered the Top 27%.

The 3rd Business Model Case Analysis Competition of NAU

10/2020-12/2020

- Worked in a 3-person team to conduct a quantitative case study on Huawei Technologies Co., Ltd. based on data collected from annual reports, news reports, and third-party industrial research papers;
- Visualized results in PowerBI and won the 1st prize.

SKILLS & INTERESTS

- Language Skills: Chinese (native), English (fluent, 2nd prize in national English competitions in 2020&21)
- Computer Skills: Python, VBA, SQL, STATA, Tableau, Power BI, SPSS, Eviews
- Interests: Football