

Guangyu Hou

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Education

University of Science and Technology of China | Master of Finance | Sept 2018 - Jul 2021

- **Honors/Awards:** National Graduate Fellowship (2018-2021)
- **Relevant Coursework:** Numerical Methods, Applied Statistical Methods, Machine Learning, Financial Data Analysis, Data Mining

North University of China | Bachelor of Economic Statistics | Sept 2012 - Jul 2016

- **Honors/Awards:** Outstanding League Cadres, Debate Competition Excellent, Speech Contest Outstanding, Excellent Debate Instructor
- **Relevant Coursework:** Basis of Computer Engineering, Calculus, Linear Algebra, Statistics, Probability Theory & Mathematical Statistics

Work/Intern Experience

Freelancer | Finance Tutor | Mar 2022 - Present

- Tutor for students preparing for Chinese Graduates Exams in Finance.

Research Assistant, University of Science and Technology of China | Jul 2021 - 2022

- Assisted in multiple research projects, including literature review, data collection and processing, and article publication.

Investment Banking Department Intern, GuoYuan Securities Company Limited | Mar 2020 - Aug 2020

- Participated in IPO projects; conducted contract reviews, inventory counts, bank and customer inquiries, and verification of senior management's bank transactions.

Salesman, Shanxi Huahong Technology Company Limited | Aug 2016 – Feb 2018

- Led sales initiatives, market research, and development of new sales channels, focusing on campus procurement and sales strategy.

Campus Experience

Research Group on U.S.-China Trade Friction, Tsinghua University PBC School of Finance | Mar 2019 - Mar 2020

- Managed data analysis and research reporting on international and domestic macroeconomic policies.

Debater/Team Coach, Debate Team, North University of China | Sept 2012 - Jul 2015

- Achieved various accolades including excellent debater and championship team coach.

Recent Projects

Technical Skills

- **Web Development:** HTML, CSS, JavaScript, Python, Java
- **Statistical Tools:** Stata, Eviews, R, Matlab, SPSS

Django-Portfolio

- **Description:** A portfolio website based on the Django framework.
- **Tech Stack:**
 - **Frontend:** HTML, CSS, Bootstrap, Sass, JavaScript
 - **Backend:** Django
 - **Account:** Login-Username: demo, Password: demo123456
 - **Database:** Django default database - SQLite
 - **Deploy:** Ubuntu + Unicorn + Nginx (Docker Image)

CryptoDashboard

- **Description:** A web dashboard for cryptocurrency exchange rates and news, with API from RapidAPI.
- **Tech Stack:**
 - **Frontend:** React.js, Bootstrap, Sass
 - **Backend:** Node.js
 - **Database:** JSON
 - **Deploy:** Ubuntu + PM2

Additional Skills and Achievements

- **Certificates:**
 - Finance:Securities Qualification Certificate/Fund Qualification Certificate.
 - CS:Responsive Web Design Certification/JavaScript Algorithms and Data Structures Certification from freeCodeCamp.
- **Leadership:** Vice minister of the public relations department, monitor of class241, Youth League secretary at North University of China.
- **Publications:**
 - “Problems and countermeasures of private equity under the new normal” (in Chinese),2020. Journal of Regional Financial Research.
 - “Research on the Factors of Subsidy Threshold for Governmental Venture Capital—Analysis based on the perspective of Financing Constraints”(in CSSCI), with Zhiying, Liu and Hongfang, Mo, 2021. Review of Investment Studies.
- **Online Courses:** 'Panel Data Analysis and Stata Application' from Zhejiang University.