

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

Recent Projects

Tech Stack

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

Projects

- **Description:** A collection of my projects.
- **Tech Stack:**
 - **Frontend:** HTML, CSS, Bootstrap, Sass, JavaScript
 - **Deploy:** Github Pages

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 + Gunicorn + 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

Work/Intern Experience

Freelancer | Finance Tutor | 2022 - Present

- Tutor for students preparing for Chinese Graduates Exams in Finance.
- ChatGPT relevant services

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.

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.