

# ZHAO ZHIHANG

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## ABOUT ME

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Adept in project management and communication, paired with a proven ability to quickly grasp new technologies. Possessing a robust grounding in economics and data analysis, acquired through rigorous academic training and professional experiences. Demonstrated proficiency in applying economic theories to practical situations and utilizing statistical tools for comprehensive research and data analysis.

## EDUCATION

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### The University of Warwick, Coventry, UK

09/2022 – 09/2023

*Master of Science* Economics and International Financial Economics

- **Relevant Courses:** Topics in Global Finance, The Economics of Financial Markets, Game Theory etc.

### Central University of Finance and Economics, Beijing, China

09/2018 – 07/2022

*Bachelor of Economics* National Economic Management

- **Relevant Courses:** Python Programming, Mathematical Economics, Real Analysis etc.
- **Awards:** National Encouragement Scholarship, Academic Research and Innovation Excellence Scholarship

## SKILLS

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- *Programming Languages:* 🐍 Python, 📄 Markdown, ⚡ Git, 📊 Stata, 📐 R
- *Software & Tools:* 📄 LaTeX, 🖨️ Microsoft office, 🐧 Linux.
- *Languages:* Chinese (Native), English (Fluent)

## EXPERIENCE

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### Beijing Xiaomi Technology Co., Ltd

Feb. 2022 – Apr. 2022

*Internship* Investor Relations Specialist

Assisted in daily operations of Xiaomi's Investor Relations Department.

- Assisted in producing a detailed comparative company research report on Transsion, where I analyzed complex issues related to the company's financial performance and industry competition using data analysis.
- Developed comprehensive report and presentation materials focusing on the electric vehicle industry, encompassing an in-depth analysis of the primary product development cycles of leading companies in the electric vehicle sector.
- Tracked analyst expectations, quarterly performance, and operational status of various comparable companies. Contributed to the production of Xiaomi's quarterly reports.

### CUFE Course Thesis Template

Jul. 2021

*LaTeX* Personal Project

A Chinese LaTeX Template for Central University of Finance and Economics Course Thesis

- Adapted Word format to LaTeX using [ElegantPaper](#), based on course requirements.
- Open-sourced template on [GitHub](#) for fellow students to use.

### 2020 Contemporary Undergraduate Mathematical Contest in Modeling

Nov. 2020

*LaTeX* Team leader. Won the First Prize in Beijing.

Optimized Strategy for "Through the Desert" Problem

- Utilized dynamic programming to determine the optimal strategy and analyzed player revenue based on game details.
- Used game theory to develop asynchronous strategy for multiple players, verified for rationality as player count increased.

### Admissions Program Research

Dec. 2019 – Feb. 2020

*Python, Excel* Research Assistant

Organized Shanxi Province's admissions data in the admissions guide using Excel.

- Developed a Python program using `xlrd`, `openpyxl`, and `pandas` modules to process OCR-scanned photos into Excel tables, and used Excel macros to split the tables as required.
- Improved efficiency by nearly 10 times compared to manual entry, processing over 3,000 data items at a time. Recommended processing 1,000 to 2,000 data items at a time for convenience of troubleshooting.

## HONORS AND AWARDS

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The 30th Beijing College Student Mathematics Competition (Economics), *2<sup>nd</sup> Prize*

Dec. 2019

The 11th National College Student Mathematics Competition (non-mathematics), *2<sup>nd</sup> Prize*

Nov. 2019