

# Meitong Zhou

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## Educational Background

**University of Colorado, Denver** 09/2021 - 06/2024

- **Bachelor of Arts in Economics**
- **GPA:** 3.862/4.0

**China Agricultural University (CAU)** 09/2020 - 06/2024

- **Bachelor of Economics in International Economics and Trade**
- **GPA:** 3.66/4.0 | **WES-Evaluated GPA:** 3.66/4.0
- **Honor:** Third-Class Scholarship for Academic Excellence of CAU (2022-2023); Second-Class Scholarship for Academic Excellence of International College at Beijing, CAU (2022-2023); Third-Class Scholarship for Academic Excellence of CAU (2021-2022); Second-Class Scholarship for Academic Excellence of International College at Beijing, CAU (2021-2022); 3<sup>rd</sup> Prize, CAU Physics Theory Competition (04/2021)
- **Skills:** Stata, Python; Microsoft Office Suite

## Internships

**Hejun Consulting Co., Ltd.** | Consulting Analyst 06/2023 - 08/2023

- Developed a 52-page final report and a 33-page PowerPoint independently over the Industrial Planning of Silver Economy in Jinan Changqing District in terms of macro environment, industry chain, the strength of Changqing District, overall suggestion, implementation plan, and supporting measures
- Conducted desk research of Biomedicine, such as Stem Cell Therapy, Digital Health and CMO/CDMO, and field investigation of traditional Chinese medicine brand and local health care industry to support the final report
- Visualized the key data and theories to help government officer get better understanding of Silver Economy as a new concept

**China Securities Co., Ltd.** | Investment Banking Analyst 01/2023 - 03/2023

- Conducted an in-depth analysis of Kangmei Pharmaceutical's IPO fraud from financial, operational, and legal perspectives
- Evaluated the financials of target technology companies, analyzed cash flow statements, and conducted company valuations
- Wrote a policy analysis report on the real estate and new energy vehicle industries by collecting and analyzing the development history of the industries over the past 20 years

**Shanghai Kanzhan Asset Management Co., Ltd.** | Bond Analyst 07/2022 - 08/2022

- Performed comprehensive and detailed bond risk analysis to determine if the bonds were investable
- Evaluated bond credit risks by assessing the financial data of the target companies
- Forecasted interest rate trends to assess bond market risks by analyzing macroeconomic policies based on government documents relating to crucial conferences on economics

**China Merchants Securities Co., Ltd.** | Market Development Intern 07/2021 - 08/2021

- Communicated with clients to learn about their financial situation and investment needs; provided professional investment advice to clients according to their asset status, expected return, and risk tolerance
- Maintained client relationships; contacted clients regularly, reported earnings, introduced to clients new financial services, fund products, and financial market trends, and responded to new needs of existing clients
- Provided stock forecasts and analysis of the semiconductor industry by tracking stock information and valuations of over 5 leading semiconductor companies

## Academic Projects

**Application of SHAP Value in Genetics Study (Online Research Project)** 10/2023 - 12/2023

Mentored by Professor Jun Liu from Oxford University

- Specializing in Biostatistics and Genetic Epidemiology with a focus on the application of SHAP (SHapley Additive exPlanations) values in genetic studies

- Aiming to complete a comprehensive literature review, addressing the current gap in thorough reviews of SHAP values, widely used in explainable machine learning models for individual predictions and genetic research
- Conducting an in-depth study of SHAP values, encompassing their history, definition, and applications, and analyzing their strengths and weaknesses
- Gaining extensive knowledge in genomics, including concepts and applications related to genomic mapping and sequencing, structural genomics, epigenomics, pan-genomics, and metagenomics
- Reviewing a wide array of literature to summarize and analyze the significance of SHAP values in Genetics and Genomics, especially in the context of rare genetic diseases (like cancer, cardiovascular, and neurological disorders) and infectious diseases (such as COVID-19, Ebola, etc.)

#### **Undergraduate Research Program, International College at Beijing, CAU**

09/2022 - 06/2023

##### *Dietary transition in China - econometric analysis and mathematical modeling*

- Used Stata to collect and organize public data on food, and found that food consumption in some countries was affected by the economic crisis
- Looked for factors other than trade that affect food consumption

#### **University of Cambridge**

06/2022 - 09/2022

##### *Explore the Investment Risk Willingness of Individuals of Different Ages through Analytic Hierarchy Process*

- Used SPSS for hierarchical analysis (AHP), which combined qualitative and quantitative analysis to explore the five levels of investment at different age levels
- Grade: A

#### **University of Cambridge**

12/2021 - 03/2022

##### *Investment Decision — A Study of Firm Value and Profitability*

- Studied financial statement analysis and investment risk assessment methods; identified market competitors based on product similarity and company size; used the P/E ratio method to determine the stock value of Hermes; wrote the final research paper and delivered a presentation
- **Publication** in *Advances in Economics, Business and Management Research* (Online ISSN: 2352-5428): Analysis of New Media Marketing Methods Taking Bing Dwen Dwen as an Example

#### **Publications**

- Zhou, Meitong. Applied Economics Research Methods in Open Economy Environment. Will be published in *Money China, Issue 9, 2024*. ISSN1009-2781
- Zhou, Meitong, 2022. Analysis of New Media Marketing Methods Taking Bing Dwen Dwen as an Example. *Advances in Economics, Business and Management Research*. Online ISSN: 2352-5428

#### **Extracurricular Activities**

- CAU Radio Station | Public Relations Officer 10/2020 - 10/2021
- CAU Psychological Education Center | Mental-Health Counselor 10/2020 - 12/2020
- CAU International College at Beijing | Freshman Class Counselor 08/2021 - 08/2022
- CAU International College at Beijing | Orientation Volunteer 09/2020