

YANYING WEI

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Education

University of Chinese Academy of Sciences

September 2019 - June 2022

Master of Science in Finance

GPA:3.8

Beijing, China

Relevant Coursework:

- Senior Macroeconomics
- Senior Microeconomics
- Environmental Economy
- Finance
- Senior Econometrics
- Financial Engineering
- Business Data Analytics
- Time series analysis

Guangxi University

September 2015 - June 2019

Bachelor of Mathematics for Finance

GPA:3.3

Nanning, China

Relevant Coursework:

- Mathematical Analysis
- Mathematical Software
- Operations Research
- Life Insurance Actuarial
- Econometrics
- Statistics
- Risk Management
- Higher Algebra

Experience

Nanning University

September 2022 -

Full-time Fintech Teacher

Nanning, China

- Taught courses such as Python programming, Python big data mining experiments, and econometrics.
- Guided students to participate in competitions related to financial technology and programming.

Market economy Research Center of Peking University

October 2022 - December 2022

Research assistant

Online

- Assisted in project management, including writing and sorting out application materials, reporting project budget, coordinating and solving problems in the process of project progress, and participating in project completion and acceptance work.
- Collected, collated, counted and analyzed data.

Shanxi Land Institute of Natural Resources and Green Development

June 2021 - July 2022

Internship in Technology R&D

Beijing, China

- Finished "Study on the Comprehensive Land Improvement Project in Huangtong Town, Lingao County, Hainan Province" and the "Study on the Construction of a Town of Incense in Huangtong Town, Lingao County", which has already landed with an estimated investment of 3 billion yuan.
- Cooperated with the Chinese Code Institute of the National Land Science Center of the University of Chinese Academy of Sciences to participate in teaching and research and development of Chinese codes, and with the International Peace Exchange Foundation to participate in the Chinese Code Cloud South Poverty Alleviation Project.
- Worked with team members to develop region-wide integrated land politics projects in Xinjiang, Guangxi and Yunnan.
- Wrote the "Natural Resources Lecture Series" organized by China Earth Publishing House, responsible for the module on the foundations of information science.

ICBC Yizhou Sub-branch

July 2018 - August 2018

Trainee Lobby Manager

Yizhou, China

- Recommended financial products to customers through user portrait analysis and got a lot of good feedback.
- Acquired banking-related business practices and learned how to communicate with customers.
- Studied relevant documents issued by the People's Bank of China and combined with financial newspapers, financial research and other magazines and publications to understand the direction and dynamics of banking reform.

Research Projects

Big Data and the Teacher Training Class of Artificial Intelligence of China October 2022

- Participated in data acquisition and processing (Python), big data Analysis and Machine Learning (Python), Deep Learning (MindSpore), computer Vision (TensorFlow2) topic training, and obtained the skill certificate certified by the Ministry of Industry and Information Technology of China.

Frontiers of Financial Research Methods of Finance of Renmin University of China October 2022

- Participated in the subject training of double difference method, corporate financial preface, event analysis method in finance, machine learning method and optimal portfolio strategy research.

Research on the coordination of land use - ecology - society-economic systems June 2022

- Explored the interaction between urban land use and society-economic, ecological and environmental dimensions and the mechanisms of interaction.
- Conducted quantitative research on the interaction mechanism between urban land use and society-economic and ecological environment using grey typical correlation analysis and the theory of joint cubic equation modeling, analyzed the impact on dynamic changes in urban land use of society-economic and ecological environment and the impact of society-economic and ecological environment on the scale and structure of urban land use.

Comprehensive Land Reclamation Project in Huangtong Township, Lingao County October 2021

- Finished "Study on Comprehensive Land Reclamation Project in Huangtong Town, Lingao County, Hainan Province" and "Study on the construction of a sedum town in Huangtong Town, Lingao County".

Xin'an River Basin Ecological Compensation Project November 2019

- Used the water quantity and quality and other relevant data onto the basin, combined the step-by-step compensation and water quality and quantity compensation, and proposed a compensation method to improve the efficiency of the government's ecological compensation.
- Understood and mastered the mechanisms related to ecological compensation for watersheds.

Research on Micro Credit Risk in the Big Data Setting June 2019

- Explained the theory of credit risk of micro enterprises and analyzed the factors affecting credit risk of micro enterprises, then compared and analyzed with earlier research work to find out the better method of credit risk assessment model, and chose multilayer neural network to create credit risk assessment model of micro enterprises.
- Simulated the trained neural network model to verify the accuracy and feasibility of the model.

Publications

Dissertation:Yanying Wei. Research on the coordination of land use-ecological environment-socio-economic system[D].Beijing:University of Chinese Academy of Sciences,2022.

Article:Xi Huang, Yanying Wei,Duomin Wang. Capital Market Openness, Investment Efficiency and Total Factor Productivity of Enterprises: An Empirical Study Based on the Opening of the Shenzhen-Hong Kong Stock Connect[J].*Science Technology for Development*,2022,18(3):375-384.

Article: Dong Zuoji, Yanying Wei , Conghui Ren Saihong Wang .The innovation of comprehensive land renovation facing rural revitalization– the creation and realization of public value. *Resource Science*,2022,44(7): 1305-1315.

Book: Zuoji Dong ,Yanying Wei .Natural Resources Lecture Series[M].Pending publication

Dissertation:Yanying WEI. Research on micro credit risk in big data environment[D].Nanning:Guangxi University,2019.

Conferences: Yanying Wei.Research on Micro Credit Risk Based on Artificial Neural Network.4th IEEE International Cybernetics Conference.BeiJingChina.2019.

Honors and Awards

APMCM of 2018 November 2018

- Second Prize

The 3rd "Internet+" Student Innovation and Entrepreneurship Competition in China July 2017

- Guangxi University Excellence Award

National University Student Mathematical Modelling Competition of 2017 October 2017

- Second Prize of Guangxi Region

Guangxi University Club Officers Selection of 2016 May 2016

- Outstanding Student Club Officer

Technical Skills

Developing Skills: Python (master), Excel (master), Stata (master), C (master), R (master), Git (understand), Matlab (master), Arcgis (master), Latex (master), SPSS (master) Citespace (master), SQL (master)

Platforms: Web, Windows, Alibaba Cloud, IBM Cloud

Soft Skills: Programming, Leadership, Event Management, Writing, Time Management

Leadership / Extracurricular

School of Economics and Management Students' Union

November 2019-November 2020

Vice Minister

University of Chinese Academy of Sciences

- Worked with teachers on various major events assigned to the college.
- Carried out charity for students, such as fortnightly visits to elderly homes.
- Offered psychological counseling services when COVID-19 outbreak.

Mathematical Modelling Association

June 2017-June 2018

Vice President

GuangXi University

- Organized and engaged in various mathematical modeling competitions.
- Delivered software and mathematical modeling training to participants.

Interests

- Computational Social Science
- Data science
- Low carbon economy
- Urban Economic
- Environmental and Natural Resource Economics