YING JIN

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Education

➢ **Huazhong University of Science and Technology**   Wuhan, China

Master of Management in Management Science and Engineering   GPA: 90.47/100   Sep. 2022-Present

Major Courses: Advanced Investments (92), Intro to Research Methodology for Management (94), Social Network Analysis Theory and Method (90), Intermediate Microeconomics (94), Management Simulation and Digital Twin (92)

➢ **Dongbei University of Finance and Economics**   Dalian, China

Bachelor of Management in Big Data Management and Application   **GPA: 93.56/100 (1/30)**   Sep. 2018-Jun. 2022

Major Courses: Business Analytics (98), Python Programming (97), Platform Foundation of Big Data (98), Machine Learning (92), Typical Operation Research Problems and ITS Modeling (95), Big Data Essay Writing (96)

Publication

➢ **Jin, Y.**, Gao, M., Tang, J., Fan, W., Yang, Y., & An, J. (2024). MLAFormer: Multi-scale Transformer with Local Convolutional Auto-Correlation and Pre-training for Time Series Forecasting. *Annals of Operations Research*. (Under review).

➢ **Jin, Y.**, Yang, Y., & Ma, B. (2024). Dynamic Heterogeneous Graph Convolutional Networks for Click-Through Rate Prediction in Recommender Systems. *Electronic Commerce Research*. (Under review).

➢ **Jin, Y.**, & Yang, Y. (2024). A Survey on Knowledge Graph-Based Click-Through Rate Prediction. *Expert Systems With Applications*. (Under review).

➢ Yang, Y., Zhai P., & **Jin, Y**. (2024). Entity Recognition and Talent Profiles in Digital Industry based on BERT and BiGRU. *Wuhan University (Natural Science Edition)*. (Under review).

➢ **Jin, Y.**, Gao, M., & Yu, J. (2021). A Transformer Based Sales Prediction of Smart Container in New Retail Era. In *Proceedings of the 2021 5th International Conference on Deep Learning Technologies* (pp. 46-53).

Research Experience

➢ **Provincial Teaching Reform Research Project in Hubei Universities**   2022-2024

Project Title: *Exploring the Construction of Big Data Management and Application Curriculum System and Talent Training Path from an Interdisciplinary Perspective*

Aimed to offer valuable insights into the cultivation of big data talents, enhancing alignment between educational outcomes and industry needs.

Co-authored the paper *Entity Recognition and Talent Profiles in Digital Industry based on BERT and BiGRU*, which investigates the identification of talent requirements for various digital industry roles using deep learning models.

Analyzed the latest recruitment data to construct job-specific talent profiles, revealing insights into the skills and knowledge required across different positions in the digital sector.

➢ **Key Program of the National Natural Science Foundation of China**   2019-2021

Project Title: *Theory and Method of Instant Delivery Service Operation Management under O2O Model*

Conducted data cleaning and preprocessing on sales data from smart containers to ensure data quality and accuracy.

Developed a Transformer-based model to predict sales of smart containers.

Authored the paper *A Transformer Based Sales Prediction of Smart Container in New Retail Era*, which was accepted at the ICDLT 2021 conference (indexed by EI).

➢ **National Training Program on Undergraduate Innovation and Entrepreneurship (leader)**   2019-2021

Project Title: *Operation Mode Design of Smart New Retail Container Xiaoguibin in University in Big Data Environment*

Led a project team in entrepreneurial practice supported by Dalian Xiaode New Retail Co., Ltd., aimed at promoting the use of smart containers across university campuses.

Conducted research on leveraging big data technologies to enhance data-driven decision-making, boost corporate profitability, and advance the development of the new retail industry.

Developed a collaborative operational model involving enterprises, universities, and students, where operational management responsibilities were delegated to student teams.

Teaching Assistant Experience

➤ **Social Network Analysis**   2024

Gained expertise in the fundamental methods and applications of social network analysis. Engaged in student discussions, clarified concepts, and provided support in understanding and applying theories. Also responsible for grading assignments and exams.

➤ **Management Statistics**   2023

Assisted in preparing teaching materials, enhancing my ability to organize and present knowledge effectively. Participated in lab sessions, providing patient and thorough explanations to students. Additionally, graded assignments with detailed feedback.

➤ **Digital Performance Management**   2022

Analyzed academic literature and practical applications, and contributed to the development of the course syllabus.

Competition

◆ National Data Analysis and Statistics Competition for College Students	National Second Prize	2021.5
◆ **Interdisciplinary Contest in Modeling**	Meritorious Winner	2021.4
◆ National Market Survey and Analysis Competition for College Students	National Third Prize	2020.12
◆ National Big Data Skills Competition for College Students	National Second Prize	2020.11
◆ Huawei Cloud DevCloud Software Programming Competition	21st	2020.5
◆ National English Competition for College Students	National Third Prize	2019.5

Honors & Awards

◆ **Self-improvement Star of Chinese Universities**	Top 1 of the university	2022.12
◆ **Outstanding Graduates of Liaoning Province**	Top 5 of the school	2022.5
◆ Pacemaker to Merit Student	Top 10 of the university	2021.11
◆ Excellent Student in Innovation and Entrepreneurship	Top 20 of the university	2021.5
◆ Advanced Individual of Subject Competition	Top 3 of the school	2021.5
◆ Top Ten Inspiring Growth and Talent Models	Top 10 of the university	2020.12
◆ **National Scholarship**	Top 1 of the school	2020.12
◆ Dalian Rural Commercial Bank Scholarship	Top 10 of the university	2020.12
◆ China Aerospace Science and Technology Corporation Charity Scholarship	Top 10 of the university	2020.11
◆ Hongyan Academic Scholarship	Top 1 of the major	2020.9
◆ **First Prize Comprehensive Scholarship (6 times)**	Top 2 of the major	2019-2021

Extracurricular Activities

◆ **Deputy Secretary of the College Youth League Committee**	2020-2021
◆ Deputy Director of the Literature and Synthesis Department of the School Youth League Committee	2020-2021
◆ Outstanding Youth Volunteer Dongbei University of Finance and Economics	2020.12
◆ Outstanding Volunteer of Dalian International Marathon	2019.5

Skills

◆ Language: English (IELTS: 6.5)

◆ Programming: Python, R, JAVA, Matlab

◆ Tools: Pytorch, MySQL, SAS, SPSS, Pajek, Visio