

Yiqing Sun

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Education

Tianjin University

Tianjin, China

Bachelor of Management

07. 2025

- Major: Information Management and Information Systems

GPA: 3.75/4.0; 3.81/4.0 (WES Evaluation)

Work Experience

Shanghai Mingchen Mould & Plastic Technology Co., Ltd

Shanghai, China

IT Support Intern, Project Management Department

07. 2024 – 10. 2024

- [Main Responsibilities]:** Used the Lark (named Feishu in China) Collaboration Platform to develop a mold management system, enabling cross-departmental collaboration and business information management standardization; Coordinated with colleagues from different internal departments and communicated with the Lark R & D Department of TikTok to fully interpret our requirements in different business scenarios, ensuring full business scope coverage; Integrated the Lark Low-Code Development Platform and JavaScript to optimize functions, customizing business operational flow to maintain the system stability, compatibility, and efficiency;
- [Relevant Projects]:** Engaged in the development of the Mold and Parts Information Management System, migrating separated sparse parts information in different Excel to the unified system with illustrations of all detailed parameters and business-related data; Developed project management module of the Mold Management System, notifying related departments according to the lifecycle of projects and molds; Followed up the application of new system to ensure timely modification and updating.

United Nations Institute for Training and Research (UNITAR)

Online, China

Participant, Outstanding Contributor of ZERI Trainee Program

07. 2024 – 08. 2024

- Attended online courses and seminars, completing modules on UN structure, talent strategy, career planning for international civil servants, conflict management, leadership and self-consciousness, UN document writing skills, communication and negotiating skills, etc., to gain an in-depth understanding of DEI;
- Wrote three specialized reports about sustainable development, circular economy, and environmental protection [*Navigating the Plastic Dilemma*]; [*Cora's Concert: A Symphony of Recycling*]; [*Joint Green Future*]; investigated promotional strategies and plans for sustainable development through data-driven insights;

Ernst & Young Hua Ming LLP

Shanghai, China

Data Analysis Intern

01. 2024 – 03. 2024

- [Main Responsibilities]:** Serviced clients' ERP systems by analyzing data extraction methods using various approaches; Selected and extracted the required data columns based on the designed workflow logic; Cleaned and integrated the data to be analyzed through calculation and transformation; Assisted the audit department in handling financial data through the reconciliation of the company's financial statements and trial balance, efficiently flagging different levels of financial risks, such as fraud and non-compliance;
- [Relevant Projects]:** Supported Porsche and Bosch audit projects, utilized digital auditing analysis tools like EY Helix to conduct an in-depth study of client general ledger and journal entry of SAP, creating visualized reports; Utilized Alteryx to clean and analyze business data; Assisted the audit team manager in producing accurate audit and data analysis reports by applying tools like EY GL Analyzer and PowerBI for comparative analysis.

Shanghai Xuhui Urban Construction Investment Group Co., Ltd.

Shanghai, China

Finance Analysis Intern

06. 2023 – 08. 2023

- [Main Responsibilities]:** Collected, organized, and analyzed financial data according to requirements, and produced reports evaluating real estate project performance;
- [Relevant Projects]:** Participated in the financial management of Shanghai Huicheng Real Estate Management Co., Ltd. and its subsidiaries by consolidating historical financial data and managing bank account information, resulting in visual reports that evaluate project financial performance; Assisted in organizing and reviewing financial documents and ensuring the compliance of contract signing for Phase II of the Group's Yonghuiting project; Conducted research on China's real estate market trends and authored an analytical report.

Project Experience

Research Project Team, Prof. Ning Zhu (Supervisor's Email: zhuning@tju.edu.cn)

Tianjin, China

Undergraduate Research Assistant

09. 2024 – Present

- Read and organized literature information based on the book list recommended by the supervisor; Joined the group meetings for literature review and sharing sessions, gaining insights into current popular research directions and breakthrough developments in smart city operations and transportation optimization;
- Assisted the supervisor in translating English papers, researched and verified terminology specific to operations research, and used LaTeX to generate standardized and uniform documents.

China National University Student Innovation & Entrepreneurship Development Program, Tianjin, China

Project leader (Behavior Analysis on the Road Management of Smart Cities) 05. 2023 – 05. 2024

- Led the team to conduct an in-depth study of autonomous driving traffic systems within smart cities, securing a provincial-level grant for student innovation and entrepreneurship projects;
- Focused on the management of road intersections in smart city contexts, developed queuing models for autonomous vehicle control;
- Based on existing emerging autonomous driving technology and traffic regulations, conducted systematic data collection through surveys and literature model research, established a mathematical model and used Python to develop a Markov Queuing Model to create control strategies for autonomous vehicles within the project context, proposing an innovative intersection management solution;
- Co-authored the project report and was responsible for the final project presentation and defense.

Meituan Business Analytics Competition Tianjin, China

Data Analyst & Presenter (Analysis of Optimal Voucher Distribution Strategies for Retail Store) 04. 2023 – 05. 2023

- Responsible for competition data analysis, served as the primary presenter, made slides, and wrote the strategy analysis report, explaining the technical features of the solution and providing business recommendations;
- Provided voucher distribution strategies for retail stores by data science to maximize profits and market influence; Improved store profitability by 13.7% on average by estimation.

The First Low-Altitude Economy Intelligent Flight Management Competition Tianjin, China

Team Leader & Algorithm Developer 09. 2023 – 11. 2023

- Organized team members and invited the advisor to participate in the technical competition, focusing on solving core issues in drone delivery operations: multi-drone path planning and scheduling; Primarily responsible for algorithm design for obstacle avoidance functionality;
- Calculated route planning diagrams for multi-drone delivery scenarios, determined the optimized paths under safe conditions, and designed a Detour algorithm for testing;
- Redesigned the original routing algorithm by referencing the airport flight trajectory Dynamic Time Warping Algorithm and integrating the Greedy Algorithm, significantly reducing the probability of collisions.

Honors and Publications

Excellent Youth League Leader, Tianjin University, 2023 & 2024	2022 – 2023 & 2023 – 2024
Second Prize, Tianjin Songzheng Challenge Cup	04.05.2024
Third Prize, Tianjin University “Future 30 Years” Innovation Contest	12.05.2024
Excellent Award, Meituan Business Analysis Elite Competition	23.04.2023
Three Star Volunteer in Tianjin University (with over 150 hours of volunteering time)	

For the reference of other Career-oriented Capstone Projects, please visit my personal website:

<https://williamodinson.github.io/resume/#career-oriented-capstone-projects>