Jiayi Wang

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EDUCATION

Dartmouth College   **Hanover, U.S.**

Master of Engineering Management (MEM)   *expected Dec.2023*

*A collaborative program taught by faculty from the **Thayer School of Engineering** and the **Tuck School of Business**.*

Tsinghua University   **Beijing, China**

B.Eng. in Industrial Engineering, GPA: 3.63/4.00   *Aug.2017 - Jul.2022*

Minor in Economics, GPA: 3.50/4.00   *Aug.2017 - Jul.2022*

WORK EXPERIENCE

Meituan, Beijing, China   *Feb.2022 - Jun.2022*

Strategy & Investment Intern, Strategy & Investment Platform

- Followed up on investment trends in the direction of new energy and carbon neutrality and organized 50 expert interviews.
- Completed competitive analysis of new energy battery leading companies from the perspectives of team background, mainstream products, technical prospects, etc., to provide decision-making reference for investment work

Meituan Grocery (Top 1 in China), Shanghai, China   *Sep.2021 - Oct.2021*

Business Analysis Intern

- Researched millions of weekly business data of competitors; deployed business intelligence reports, business categories, and strategies analysis.
- Constructed model with python to evaluate lower-stream supply chain efficiency and assisted in determining the optimization solution.

HUAWEI Technologies Co., Ltd., Beijing, China   *Jul.2021 - Sep.2021*

Technology Research Engineer Intern, Central Research Institute in 2012 Laboratory

- Researched human mobility and communication driven with data. Applied multiple factors, including human factors and statistical science, and processed data to figure out subjects' mobility patterns.
- Design and implement user ICT intention predicting algorithm based on condition and situation awareness, explored with the decision tree and random forest.

Didi Chuxing Technology Co., Ltd. (Top 1 in China), Beijing, China   *Jun.2020 - Sep.2020*

Product Manager Intern, Map Internationalization Department

- Enhanced the educational function of the tool platform with Axure, launched in 2020.
- Analyzed thousands of bad cases with parking problems, investigated 50 typical cases in-depth, optimized parking problems, and improved recognition accuracy for international customers, utilizing SQL and R to analyze and present results.

RESEARCH EXPERIENCE

Analysis of Gait Characteristics of Young Patients with Low Back Pain, Beijing, China   *Sep.2021 - Jun.2022*

Researcher; Advisor: Pei-luen Patrick Rau, Professor of Tsinghua University

- Analyzed the differences between the gait of young patients with low back pain and normal people, explored the influence of patients' subjective feelings on gait, and extracted gait parameters in a more daily situation to provide the possibility of self-monitoring for patients with low back pain.

Smart Medical Service System Based on Data-driven and System Science, Beijing, China   *Mar.2020 - Jun.2021*

Research Assistant; Advisor: Xiaolei Xie, Professor of Tsinghua University

- Focused on the problem of high first-diagnosis rate in three-class hospitals, constructed a referral model using Anylogic, and carried out the medical consortium design and performance evaluation of the two-way referral.

AWARDS

Tang Lixin Excellent Scholarship (**TOP 1%**), Tsinghua University   *2020 - 2021*

Scholarship for Excellent Social Work, Tsinghua University   *2021*

Scholarship for Overall Excellence (**TOP 5%**), Tsinghua University   *2020*

SKILLS & INTERESTS

Skills: Python, R, SQL, Anylogic, C

Interests: Debate (President of Tsinghua IE Debate Team), Piano (Grade nine in piano-playing)