

Jiayi Wang

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Education

Dartmouth College

Hanover, NH

Master of Engineering Management (M.E.M.)

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

Jul.2022

Minor in Economics, GPA: 3.50/4.00

Jul.2022

Work Experience

Meituan, Beijing, China

Feb.2022-Jun.2022

Strategy&Investment Intern, Strategy&Investment Platform

- Collected industry data, analyzed expert interviews, and provided decision-making reference for investment work in the direction of new energy and carbon neutrality.

Meituan Selected, Shanghai, China

Sep.2021-Oct.2021

Business Analysis Intern

- Cleaned, marked, and integrated the business data of competitors; output weekly billboards, category bubble diagrams, and regional category percentage changes to analyze competitors' strategies.
- Constructed distributor efficiency evaluation model to analyze the operating conditions of national distributor.

HUAWEI Technologies Co., Ltd. , Beijing, China

Jul.2021-Sep.2021

Technology Research Engineer Intern, Central Research Institute in 2012 Laboratory

- Knowledge&Data Driven: Completed literature research on human mobility and communication, along with theory carding on statistics and human factors, and processed data to understand subject's movement law.
- Completed algorithm design and implemented with Python: based on user's condition and situational awareness, calculated user's ICT intention on the decision tree and random forest.

Didi Chuxing Technology Co., Ltd. , Beijing, China

Jun.2020-Sep.2020

Product Manager Intern, Map Internationalization Department

- Optimized the educational function of the tool platform (to B) with Axure, which went online in 2020.
- Analyzed parking problems overseas with SQL, completed statistics on the relationship between bad cases and time with R, concluded with a summary of the main reasons, and improved recognition accuracy of bad cases.

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 at the School of Industrial Engineering , THU

- 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 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, Associate Professor at the School of Industrial Engineering , THU

- 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 Overall Excellence (**TOP 5%**), Tsinghua University

2020

Scholarship for Excellent Social Work, Tsinghua University

2021

Skills and Interests

Skills: Python, R, SQL, Anylogic, C

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