

# Jiayi Wang

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## Education

<b>Dartmouth College</b>	<b>Hanover, NH</b>
<i>Master of Engineering Management (M.E.M.)</i>	<i>expected Dec.2023</i>
A collaborative program taught by faculty from the <b>Thayer School of Engineering</b> and the <b>Tuck School of Business</b>	
<b>Tsinghua University</b>	<b>Beijing, China</b>
<i>B.Eng. in Industrial Engineering, GPA: 3.63/4.00</i>	<i>Jul.2022</i>
<i>Minor in Economics, GPA: 3.50/4.00</i>	<i>Jul.2022</i>

## Work Experience

<b>Meituan</b> , Beijing, China	<i>Feb.2022-Jun.2022</i>
<i>Strategy&amp;Investment Intern, Strategy&amp;Investment Platform</i>	
<ul style="list-style-type: none"><li>Collected industry data, analyzed expert interviews, and provided decision-making reference for investment work in the direction of new energy and carbon neutrality.</li></ul>	
<b>Meituan Selected</b> , Shanghai, China	<i>Sep.2021-Oct.2021</i>
<i>Business Analysis Intern</i>	
<ul style="list-style-type: none"><li>Cleaned, marked, and integrated the business data of competitors; output weekly billboards, category bubble diagrams, and regional category percentage changes to analyze competitors' strategies.</li><li>Constructed distributor efficiency evaluation model to analyzed the operating conditions of national distributor.</li></ul>	
<b>HUAWEI Technologies Co., Ltd.</b> , Beijing, China	<i>Jul.2021-Sep.2021</i>
<i>Technology Research Engineer Intern, Central Research Institute in 2012 Laboratory</i>	
<ul style="list-style-type: none"><li>Knowledge&amp;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.</li><li>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.</li></ul>	
<b>Didi Chuxing Technology Co., Ltd.</b> , Beijing, China	<i>Jun.2020-Sep.2020</i>
<i>Product Manager Intern, Map Internationalization Department</i>	
<ul style="list-style-type: none"><li>Optimized the educational function of the tool platform (to B) with Axure, which went online in 2020.</li><li>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.</li></ul>	

## Research Experience

<b>Analysis of Gait Characteristics of Young Patients with Low Back Pain</b> , Beijing, China	<i>Sep.2021-Jun.2022</i>
<i>Researcher; Advisor: Pei-luen Patrick Rau, Professor at the School of Industrial Engineering , THU</i>	
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>Smart Medical Service System Based on Data-driven and System Science</b> , Beijing, China	<i>Mar.2020-Jun.2021</i>
<i>Research Assistant; Advisor: Xiaolei Xie, Associate Professor at the School of Industrial Engineering , THU</i>	
<ul style="list-style-type: none"><li>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.</li></ul>	

## Awards

Tang Lixin Excellent Scholarship ( <b>TOP 1%</b> ), Tsinghua University	2020~2021
Scholarship for Overall Excellence ( <b>TOP 5%</b> ), 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)