

Hua Tang

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SJTU, 800 Dongchuan Road, Shanghai, China

EDUCATION

Bachelor, of Shanghai Jiao Tong University (SJTU) School of Mechanical Engineering *Sep. 2020 - Present*

Major in Industrial Engineering

Core Courses: Programming Ideas and Methods (C++) , Probability Theory and Mathematical Statistics, Data Structure, Engineering Statistics, Quality Management, Operations Research

Minor in Mathematics and Applied Mathematics

Core Courses: Stochastic Process, Partial Differential Equations

RESEARCH EXPERIENCE

Intern: Research on algorithm fairness

Jul. 2023 – Present

Advisor: Mengnan Du, Assistant Professor, Department of Data Science, New Jersey Institute of Technology (NJIT)

Research on high-frequency trading strategies for quantitative hedge funds

Jul. 2022 – May.2023

Advisor: Tongxin Ren, Assistant Professor, Student Innovation Center, SJTU

Research on Investment Cognitive Reasoning and Intelligent Model

Feb. 2022 – Feb.2023

Advisor: Prof. Chunxiao Li, Assistant Professor, Antai College of Economics and Management, SJTU

AWARDS & HONORS

2nd price in 18th National Competition of Transport Science and Technology for Students(NACTranS)

2023

Meritorious Winner in the Mathematical Contest in Modeling

2023

1st Price in 17th "Dongfeng Nissan Cup" Tsinghua IE Sword National Industrial Engineering Case Study Competition

2022

SKILLS

- **Programming Languages:** Python, C++
- **Tools:** MATLAB
- **Deep Learning Framework:** TensorFlow