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 Mathmatics and Applied Mathmatics

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