

JIE XING

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Education

Shanghai University <i>Information and Computing Sciences GPA:86.15/100</i>	Sep. 2020 – Jun. 2024(Expected) <i>Shanghai, China</i>
Shanghai Jiao Tong University <i>Wise Information Technology of Medical (Minor) GPA:85.78/100</i>	Feb. 2022 – Jun. 2024(Expected) <i>Shanghai, China</i>

Research Interest

Recently my research interest lies in **Optimization** and **Medical Image Processing**. The former needs more mathematical skills and the latter is more practical, both of which I am happy to explore. I am always willing to learn more about the field of **Applied Mathematics** and **Artificial Intelligence** with great enthusiasm.

Experience

MCM/ICM Contest <i>Leader & Modeler</i>	Jau. 2022 – Feb. 2022
<ul style="list-style-type: none">Use the Logistics model to simulate the growth of forest area, and use the time series model to predict the forest area after ten years of the model to provide forest managers with optimal management plans,Article <i>Harvest or Conserve? A Forest Management Plan Based on Multiple Dynamic Strategy</i> was awarded Honorable Mention, top 21%.	
Team SRM, Shanghai University <i>Member of Standard</i>	Oct. 2021 – Present <i>DJ-Innovations</i>
<ul style="list-style-type: none">As a member of SHU Robomaster Team SRM, I assisted in development of the <i>standard</i> robot and the assembly.	
Med-X Innovation Program, Shanghai Jiao Tong University <i>Member</i>	Aug. 2022 – Present
<ul style="list-style-type: none">Based on the patient's functional magnetic resonance data (fMRI), extract feature information and build a machine learning model to mine biomarkers that are highly correlated with sleep and Atypical Depression subtypes.	

Awards and Honors

- 2021 Scholarship for Second Class
- 2021 Scholarship for National Encouragement Scholarship
- 2021 Scholarship for Innovation
- 2021 Outstanding Student

Technical Skills

Languages: Python, MATLAB, C, \LaTeX
English: 511 for the College English Test Band 4(CET4)
Sports: Basketball, Run(4th in the 200m)