# Junxuan Liang

Shanghai, China  whitefork@sjtu.edu.cn

https://hitefork.github.io  hitefork

## Education

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|---|---|---|
| **BS** | **Shanghai Jiao Tong University**, Computer Science | Sept 2022 – Present |

- GPA: 3.9/4.0
- A member of The Zhiyuan Honors Program
- **Coursework:** Machine Learning, Modern Opertaing System, Computational Theory

## Experience

**Machine Vision and Intelligence Group (MVIG)** ⧉, Research Intern — SJTU, Shanghai, China
June 2022 – Present

- Exploited the recently progressive human motion imitation algorithms to learn human inverse dynamics in a data-driven manner
- Trained a data-driven human inverse dynamics solver ImDyS(olver) in a fully supervised manner, which conducts ID and ground reaction force estimation simultaneously
- Project Supervisor Ass.Prof Yong-Lu Li, Zhiyuan Honors Program, Shanghai Jiao Tong University

**Department Of Electrical Engineering**, Research Intern — SJTU, Shanghai, China
Feb 2022 – June 2022

- Proposed a distributed photovoltaic state monitoring model combining data processing algorithms, self-learning algorithms based on sparse coding, and distributed robust logistic regression algorithms
- The project has applied for a patent
- Won the national special prize in the software track of the National Innovation Competition of Electronic and Electrical Engineering in Colleges and Universities.

## Awards

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| Meritorious Winner in Mathematical Contest In Modelling(Top 6.6%), America | 2024 |
| The Zhiyuan Honors Program Scholarship, SJTU, Shanghai, China | 2023 |
| The Third Prize Scholarship, SJTU, Shanghai, China | 2024 |
| Merit Student, SJTU, Shanghai, China | 2024 |

## Skills and interests

**Languages:** English-CET6 528 CET4 576,C++, C, Python

**Interests:** Study the history and ideology of East Asia and Western Europe