Wenbo Zhu

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Education

Nanyang Technological University, Singapore　　　　　　　　　　　　　　　　　2023/8 − 2027/5

Bachelor of Engineering (Computer Engineering)　　　　　　　　　　　　　　　　　　　Singapore

Academic Project

Shanghai Jiao Tong University　　　　　　　　　　　　　　　　　　　　　　　2021/6 − 2021/12

High School Project Research – An electronic voting system based on Blockchain technology

- Developed a voting system based on Blockchain technology by Python and Django
- Validated privacy, verifiability, democracy, legalization, and completeness of this voting app by using 1000 simulated votes.

Open-Source Contributions

Personal Projects github.com/mendax1234　　　　　　　　　　　　　　20+ followers on GitHub

- **ThinkpadX390-Opencore-EFI** (1.8k downloads) Built boot files that allow ThinkpadX390 users to run macOS smoothly on their laptops.
- **ThinkpadE40-Clover-EFI** First time ran macOS 10.14+ on old computers with MBR partition on the entire network.
- **Logseq-cusgit-theme** (11k+ downloads) Developed a clean, GitHub style theme for Logseq, focusing on bullet journal and long-time writing experience.
- **6940Swerve-docs** Built a multilingual whitepaper site aiming to help more FIRST Robotics teams become experts at swerve. Used Transifex and GitHub workflow to update translations automatically.

Co-Curricular Activities

FIRST Robotics Competition Team 6940　　　　　　　　　　　　　　　　　　2020/9 − 2022/9

Program & Software Lead

- Wrote the whole code for Team6940′s 2021, and 2022 robots. Developed the set of Swerve code for the first time in Team6940′s history. Came up with three sets of shooting while moving algorithms in Season 2022 and an easy-to-use autonomous program structure for swerve drive.
- Won the **Dean's List Award** in 2022 FIRST Robotics Competition China Division.

Google Developer Student Club　　　　　　　　　　　　　　　2023/10 − 2024/10 (Expected)

Tech Lead (Robotics)

Skills

Languages: Proficient in English and Chinese

Programming Languages: Python, Java, C, C++, Golang, VHDL, Verilog HDL, Markdown, Git CLI, Vim