Sizhe Wei

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No.800,Dongchuan Road,Minhang District,Shanghai 200240, China

🎓 Education

Shanghai Jiao Tong University (SJTU), Shanghai, China   2017 – Present

Bachelor of Engineering in Dept. Electronic Engineering.
School of Electronic Information and Electrical Engineering, expected May 2021
Zhiyuan Honors Program of Engineering (An elite program for Top 5% students).
Overall G.P.A.   3.68 / 4.3 | 85.2 / 100

★ Interests

Explainable Artificial Intelligence(XAI), Machine Learning, Computer Vision.
Adept at coding and solving challenging problems, and open to exploring other interesting fields in AI.

👥 Experience

SJTU Vision and Learning Lab   Dec. 2018 – Present

Reseaarch Assistant   Under the supervision of Prof. Bingbing Ni

Xtra Computing Group, National University of Singapore   Jun. 2019 – Present

Research Intern   Under the supervision of Prof. Bingsheng He

- We built a demo about XAI applying for credit fraud detection based on SHAP and LIME. This demo can show the importance of the connection between features values user-entered and the classifications.
- We proposed our solution on how to explain decisions offered by AI
- We implemented it in code and we are planning to submit our paper to SysML conference 2020.

📄 Coursework

Mathematics Foundation: Mathematical Analysis, Linear Algebraic, Discrete Mathematics, Probability and Statistics
Programming Foundation: Thought and Method of Programming, Data Structures and Algorithms, Hardware language description
Professional Courses: Machine Learning, Simulation Electronic Technology, Signal and System

⚙ Skills

- Coding: Python, C++, MATLAB, VHDL, C, LaTeX
- Languages: English(Professional working proficiency), Mandarin(Native)
- Diligent and highly self-motivated

ℹ Honors and Awards

Meritorious Winner of 2018 Interdisciplinary Contest In Modeling (Problem D)		2018
Zhiyuan Honor Scholarship award for academic performance (Top 5%)	2017 &	2018
The Third Prize Scholarship of SJTU (Top 20%)		2018

❤ Activities and Hobbies

- SJTU Chu Cai Program member (Top 45 students of Class 2021)
- SJTU Baidu club member
- Zhiyuan college basketball team member