

SIZHE WEI

✉ sizhewei@sjtu.edu.cn · 🌐 Homepage · 📄 SizheWei

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

🎓 EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China

Sep 2017 – Jun 2021

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

Research Assistant Under the supervision of Prof. Bingbing Ni

Xtra Computing Group, National University of Singapore

Jun 2019 – Sep 2019

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

🏆 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