

# 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

2017 – Present

*Bachelor of Science* 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), Machin Learning, Computer Vision

## 👤 EXPERIENCE

**SJTU Vision and Learning Lab**

Dec. 2018 – Present

*Research Assistant* Under the supervision of Prof. Bingbing Ni

**System and Network group, National University of Singapore**

Jun. 2019 – Present

*Internship student* 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 user-entered feature values and the classification.
- We proposed our own thoughts about how to explain decisions offered by AI and we implemented it in code.

## 📖 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, Mandarin - Native speaker
- 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