Songjie Xie

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Education

Bachelor of Engineering, Electronic and Information Engineering, Expected May 2020
School of Information Science and Technology, Shanghaitech University, Shanghai

GPA 3.59/4.0   Major GPA 3.87/4.0

Skills

Languages: Python, C/C++, R and Matlab. Experienced in Java and Julia.

Operating Systems: Linux, Windows, Macintosh

Software: MATLAB, CST, Cadence and Labview

Foreign Language: Fluent in English

Research Experience

Undergraduate Research Assistant

The research and Experiments on*Optimal Coordination of Automated Vehicles at Traffic Intersections* with Pro. Boris and Jiahe Shi. And made a presentation on this project in the teaching center.

Tried to use Information Theory to design an algorithm to interpret the Machine learning methods with Pro.Wu and have done the research of *Information Bottleneck Principle for Deep Learning*.

Supporting Experience

Management assistant in Office of Academic Affairs, summer 2017 to summer 2018

Champion of Four Universities Invitational Debate Competition, autumn 2017

Volunteer staff member of Shanghaitech Workshop on Emerging Devices, Circuits and Systems(SWEDCS'2017)

The National Undergraduate Electronic Design Contest, summer 2018