

HENGKAI ZHANG

+86 15356151385 hengkai.zhang0@gmail.com

EDUCATION

Bachelor of Engineering in Automation (Control) 2017~Present

Zhejiang University, Hangzhou, P.R.China

Mixed Class, Chu Kochen Honors College

Instructor: Professor Jiming Chen

HONORS AND AWARDS

Zhejiang University's Third-Class Scholarship 2017~2018

Second Place at RoboCup China Open Humanoid 2019

RESEARCH WORK

RoboCup Humanoid - *ZJUDancer* Team 2018~Present

- Worked in circuit group as the only second year student in 2018

Student Research Training Program (SRTP) 2019~2020

- Wi-Fi access points location based on crowdsourcing
- Focused on data analysis and visualization

Scientific Research Practice 2020~Present

- Lightweight neural network design for high-speed rail intrusion detection
- Focusing on application of neural network

Dissertation Project 2020~Present

- Model Extraction Attacks against Reinforcement Learning
- Focusing on the security problem of reinforcement learning

Overseas Study at Oxford University August 2018

OTHER ACTIVITIES

Student Assistant 2018~2019

Office in Chu Kochen Honors College, Zhejiang University

- Assisted in daily work and financial reimbursement.

Volunteer Service in University

- More than 80 hours, voted as a two-stars volunteer.

Volunteer teaching in Dafang, Guizhou Province, P.R.China August, 2019

- Taught English in a national poverty-stricken county's mountain village elementary school

LANGUAGES

Mandarin: Native

English: Proficient (IELTS : 7.0)

German: Basic

TECHNICAL SKILLS

Programming Languages: Matlab, C, C++, Python

Computer Aided Design/Engineering: SolidWork, Altium Designer

MAJOR LECTURES

Principles of Automatic Control

Robotics

Process Control Engineering

Optimization Algorithms

Fundamentals of Data Structure