# HENGKAI ZHANG

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## 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

Machine Vision and Machine Learning