

Bin Zou

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EDUCATION

UNIVERSITY of MACAU (UM)

2020.8 – present • Ph. D student in State Key Laboratory of Internet of Internet of Things for Smart City

ZHEJIANG UNIVERSITY (ZJU)

- 2016.9 – 2020.7 • B.E. student in Collage of Electrical Engineering
- Edison Honors Class, an honors program for top 20% students in EE
 - GPA:3.81/4 (top 20%)

RESEARCH EXPERIENCES

2020.8 – present **Ph. D Candidate**

University of Macau, Macau SAR China, Advisor: Dr. Yonghua Song & Hongcai Zhang

- Smart Energy.

2018.8 – 2019.11 **Undergraduate Research Assistant**

Zhejiang University, Hangzhou, China. Advisor: Dr. Guangchao Geng & Quanyuan Jiang

- Residential load monitoring test bed: design, setup and software development
- Current waveform signature generation using dynamic time warping algorithm
- Non-invasive voltage sensor for low-voltage power system monitoring

2017.9 – 2018.8 **Undergraduate Training Program**

Zhejiang University, Hangzhou, China. Advisor: Dr. Caijun Qi & Dr. Roam Sun

- Face tracking and emotion recognition based on Raspberry Pi3
- Design of intelligent tracking control system for four wheelers based on electromagnetic sensor and camera

SELECTED HONORS

2020.9 **UM Macao PhD Assistantship**, University of Macau

2020.6 **Honorary Certificate of Edison Class, College of Electrical Engineering**, Zhejiang Univ.

2019.6 **First-class Award in Smart Car Competition**, Zhejiang Univ.

2017.11 **Second-class Academic Scholarship for Undergraduate**, Zhejiang Univ.

PROFESSIONAL AND SOCIAL ACTIVITIES

2020.7 - present Liaison Officer of Class 1602, College of Electrical Engineering, Zhejiang Univ.

2018 - 2020 League secretary of Class 1602, College of Electrical Engineering, Zhejiang Univ.

2020.2 – 2020.4 Volunteers of Epidemic prevention and control, Local Community

2019 Member of the 33th and 34th Trailwalk Organizing Committee, Zhejiang Univ.

2017– 2018 Class advisor of Class 1702 in Collage of Electrical Engineering, Zhejiang Univ.

2016 - 2018 Student Council officer of Lantian Community, Zhejiang Univ.

PROFESSIONAL CERTIFICATES

2019.8 International English Language Testing System (IELTS)

2019.6 College English Test of China, Band 6 (CET-6)

2016.12 College English Test of China, Band 4 (CET-4)