Yanting Huang

📞 15976924993   ✉ 1187840742@qq.com
📍 Guangdong,China

EDUCATION

South China University of Technology   Sep 2019 - Jun 2023

Electrical Engineering Bachelor   Guangdong,China

GPA : 3.7/4.0

Correlated Curriculum : python（95）; Calculus（95）; Automatic Control Theory（91）; Electromechanics （90）

RESEARCH EXPERIENCE

Real-time prediction of power load based on machine learning   Mar 2021 - Present

SCUT.ISESOOC(integrated smart energy system optimal operation and control)   writing,coding

Tutor:Jizhong Zhu,IEEE Fellow,CSEE Fellow

- Excavate the internal / external factors that affect power load changes in long / short-term
- Construct a power load prediction framework based on the index of accuracy, convergence, timeliness of the predicted results

Electric vehicle charging load forecasting based on deep learning   Sep 2021 - Present

SCUT.ISESOOC   coding,writing

- Construct a prediction framework using CNN & FNN

Fire detection system based on yolov3   Sep 2020 - Sep 2021

SCUT ROBOTLAB   coding

- Detect signs of fire around the area using real-time quick detection models based on convolutional neural networks (YOLOV3, YOLOV4)

LEADERSHIP EXPERIENCE

Class Management   Sep 2019 - Present

Monitor

- Organize activities and lead the class to win awards of Advanced Class for two consecutive years

Arts Department of the Students' Union   Sep 2019 - Sep 2020

Officer

- Organize large-scale literary performance

HONOR&AWARDS

RoboMaster University AI Challenge   May 2021

3rd prize at the international level

"Challenge Cup" College Student Technology Work Competition   Jun 2021

1st prize at the provincial level

China Mathematics Modeling Competition   Sep 2020

2nd prize at the provincial level

The First Prize Scholorship   Sep 2021

The Second Prize Scholarship   Sep 2020

AREA OF EXPERTISE

Electrical System Optimization and Load Forecast Based on Machine Learning