Shuoyuan Wang

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Address: Nanjing Normal University, Nanjing, China, 210046

Education Background

2018.9 - present

Nanjing Normal University

Bachelor's Degree in Electrical and Electronic Engineering

Average Score:88.74/100; **GPA**: 3.78/4.5

IELTS: 6.5

Academic Experience

Publication

- **Shuoyuan Wang**; Lei Zhang*; Xing Wang, et al. *PatchHAR: A MLP-like architecture for efficient activity recognition using wearables*, Under Review, Elsevier, Applied Soft Computing, 2021.
- Tianyi Li[1]; **Shuoyuan Wang**[1]; Lei Zhang*, et al. *A lightweight neural network framework using linear grouped convolution for human activity recognition on mobile devices[J]. The Journal of Supercomputing, 2021: 1-21.*
- Wenbo Huang; Lei Zhang*; **Shuoyuan Wang**, et al. *Deep Ensemble Learning for Human Activity Recognition Using Wearable Sensors via Filter Activation*, Under Review, Springer, APPLIED INTELLIGENCE (CCF-C), 2021.
- Xing Wang**;** Lei Zhang*; Wenbo Huang; **Shuoyuan Wang**, et al. *Deep Convolutional Networks with Tunable Speed-Accuracy Trade-off for Human Activity Recognition Using Wearables*, Accepted, IEEE Transactions on Instrumentation and Measurement, 2021.
- Shibin Shen, Cuihong Gu, Weixing Qian*, Xiong Peng, **Shuoyuan Wang**, et al. *Autonomous positioning optimization method of flexible exoskeleton robot based on gait classification by SVM*, Journal of Chinese Inertial Technology, 2020, 28(02), 153.

Patent

- The Chinese software work "Robot navigation software based on IMU/ visual information bidirectional fused information" has been certified, 2020SR1200714.
- The Chinese software work "Human-machine cooperative navigation system based on bidirectional fused information." has been certified, 2021SR0675067.

Honors & Awards

- A silver medal for "SETI Breakthrough Listen - E.T. Signal Search" in Kaggle and our team rank 14 out of 768(**Top 2%**), 2021.
- The Second Prize in the Eastern Division of the National College Students Embedded Chip and System Design Competition, 2020.
- The Second Prize in the Jiangsu University Student Electronic Design Competition of TI Cup, 2020.
- Advanced individual in scientific research and innovation of Nanjing Normal University, 2020
- Outstanding Student Scholarship of Nanjing Normal University in every semester.

Professional Skills

- **Programming:** Familiar with Python and C/C++ (CUDA) and proficient in PyTorch and TensorFlow deep learning architecture.
- **Writing:** Master in writing paper with LaTeX.

Achievement Exhibition

- **Homepage:** claydon-wang.github.io

- **Repository:** Claydon-Wang (GitHub)

Self-Assessment

- **Self-motivation:** Strengthen the ability of coding and writing. Actively track top AI conferences and analyze papers with code.
- **Team spirit:** Have good cooperation relationship with advisor and classmates
- **Research enthusiasm:** Willing to dive into data-driven research including Computer Vision, Machine Learning, Edge-AI, etc.