WENSI JIANG

Phone: +86 188-9009-7718 ◊ Email: jiangwensi@csu.edu.cn

EDUCATION

Central South University (CSU), Changsha, China September 2017 - June 2021(expected)
BEng in Communication Engineering
· GPA:3.8/4
· Ranking:22/122*(top 20%)*

Peking University, Beijing, China July 2019 - August 2019
summer school student in Autonomous Vehicles
· GPA:93/100

PUBLICATIONS

· Wentai Lei, Qianying Tan, Chiyu Wang, Mengdi Xu, **Wensi Jiang**, "A Gesture Recognition Method Based on Range- Doppler Trajectory Map and Angular Time Map With Convolutional Neural Network," Future Internet, under review, 2020.

· Wentai Lei, Mengdi Xu, Feifei Hou, **Wensi Jiang**, Ye Zhao, Tiankun Xu, Yan Li, Yumei Zhao, Wenjun Li, "An Interative Camera Calibration system based on Search Algorithm and Pose Decomposition," Electronics, under review, 2020.

RESEARCH EXPERIENCE

HKU/CS 2020 Summer Research Internship Programme, HKU July 2020 -August 2020
Research Assistant
· Advisor: Prof. SM Yiu
· Research focus: blockchain
· Propose a manageable and auditable access control framework for Decentralized Online Social Networks
· Use blockchain technology for the definition of privacy policies

Research of Intrusion Detection for Protection of Railway Track, CSU January 2019 - May 2020
Research Assistant
· Advisor: Associate Prof. Wentai Lei
· Research focus: target detection
· Detected intrusive objects entering the railway track
· Designed a new intrusion detection system using millimeter wave radar, infrared sensor and cameras.

Research of Gesture Recognition Method, CSU October 2018 - April 2020
Research Assistant
· Advisor: Associate Prof. Wentai Lei
· Research focus: image processing
· Image filter and denoising
· Proposed a gesture recognition method based on range-Doppler trajectory map and angular time map with convolutional neural network

SKILLS

· Software & Hardware: Matlab, Multisim, SQL Server, Visual Studio, Eclipse, Photoshop
· Programming Languages: C, C++, Java, Matlab, Python

AWARDS

· Internship Scholarship, Hong Kong University, ~HK$17,699, 2020.
· Third-Class Scholarship (top 15%), Central South University, 2019.
· First-Class Scholarship (top 4%), Central South University, 2018.
· Second class scholarship of Chen Guoda education fund (top 4%), Central South University,2018.