



Education Background

Master: University of Shanghai for Sci & Tech Mechanical Engineering 2017~2020

Major courses: Digital image processing and analysis, Machine learning

Honorary award: National Scholarship Second prize in the 16th National Post-Graduate Mathematic Contest

Bachelor: University of Shanghai for Sci & Tec Mechanical Design & automation 2013~2017

Honorary award: National inspirational scholarship

Academic experience

Published papers (Correspondent and second author)

1. Wang, W.; Dou, S.; Jiang, Z.; Sun, L. A Fast Dense Spectral–Spatial Convolution Network Framework for Hyperspectral Images Classification. Remote Sens. 2018, 10, 1068. (Q2 IF=3.406)

2. Wang, W.; Dou, S.; Wan g, S. Alternately Updated Spectral–Spatial Convolution Network for the Classification of Hyperspectral Images. Remote Sens. 2019, 11, 1794. (Q1 IF=4.118)

Patents

1. The Chinese patent "Hyperspectral Image Classification Method Based on Three-dimensional Dense Connected Convolutional Neural Network" CN108491849A has been put into substantive examination.
2. The Chinese software work "Classification of Satellite Remote Sensing Hyperspectral Images V1.0" has been certified.

Projects

1. Research on the Theory and Application of deep feature learning of 3D Point Cloud
2019-07~2022-06 Main Participant Natural Science Foundation of Shanghai 19ZR1435900
Project declaration writing, algorithm framework design, and Python programming implementation
2. Classroom construction of immersive Chinese opera music theory 2017-10~2019-10
Software Development - Develop the software of drama video playing and related content on the Windows Platform using MFC based on the C++ language.

Professional skills and language ability

Programming: Familiar with Python programming language and C + +, keras, tensorflow and pytorch deep learning architecture, and MFC based windows application development.

College English Test-6: 438

Achievement Exhibition

Homepage: [shuguang-52.github.io](https://github.com/shuguang-52) Github public depository:

<https://github.com/shuguang-52/FDSSC> (Based on keras and python)

<https://github.com/shuguang-52/AUSSC> (Based on tensorflow and python)