Runzhe Zhu

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🌐 Personal Website
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Education

Shanghai University Of Engineering Science Oct 2020 – Present
M.S. Artificial Intelligence *Shanghai, China*
Zhejiang Shuren University Oct 2016 – June 2020
B.S. Communication Engineering *Hangzhou, Zhejiang, China*

Research Experience

Graduate Researcher Oct 2020 – Present
Shanghai University Of Engineering Science *Shanghai, China*
- Built a cross-view benchmark dataset SUES-200
- Set a series of evaluation for the benchmark
- Established an efficient representations fusion method achieves the SOTA results

Graduate Researcher Oct 2019 – June 2020
Zhejiang Shuren University *Hangzhou, Zhejiang, China*
- Analysis and Prediction of Postgraduate Entrance Examination Score Line Based on Artificial Neural Network

Work Experience

Test Development Intern Jul 2022 - Sept 2022
Qianxun Spatial Intelligence Inc. *Shanghai, China*
- Participated Automated testing work through pipeline tools, such as: jenkins, pytest. Basic knowledge of GNSS algorithm.

Research Presentations

SUES-200: A Multi-height Multi-scene Cross-view Image Matching Benchmark Across UAV and Satellite. IEEE Transactions on Circuits and Systems for Video Technology. (1st author. In Peer Review) arXiv Link

WiTransformer: A Novel Robust WiFi Gesture Recognition Sensing Model. IEEE Sensor Journal. (2rd author. In Peer Review)

Awards & Honors

The 16th China Post-graduate Electric Design Contest.
Shanghai Second Prize *2021*
"Huawei Cup" China Post-graduate Mathematic Contest in Modeling
National Second Prize *2021*

Specialized Skills

Programming Languages: Python (Proficient), C++ (Intermediate), Shell (Beginner)
Deep Learning: Pytorch (Proficient), Tensorflow (Intermediate)
Data Analysis: Pandas (Proficient), Numpy (Intermediate), Scikit-Learn (Beginner)
Office: MS Office (Proficient), LaTeX (Intermediate)