SHIYIN GE

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🎓 EDUCATION

Computer Network Information Center, Chinese Academy of Sciences(CNIC,CAS), Beijing
2020 – Today
- *Master candidate* in Computer Technology,expected June **2023**
- Supervised by *Prof. Yangang Wang* and focus on Representation Learning adn Spatial Analysis.
- GPA: **3.87**/4.00

Huazhong University of Science and Technology (HUST), Wuhan, China   2016 – 2020
- Receive the Bachelor degree of Electronics Engineering in EIC(Qiming College)
- Weighted score:**86.88**/100

👥 PROJECT

Twin Mountain Smart Construction Site   Major project in Shanghai   2021.9 – Today

Project   Web Front-End Development

- Responsible for the construction of the map module in the web page
- Realize the visualization of tower cranes, crawler cranes, etc. in the map
- Realize collision avoidance warning mechanism based on back-end data

Research on key technologies of spatial scene similarity matching based on deep convolutional neural network   2020.9 – Today

National Natural Science Foundation of China   General Program

- Focus on spatial scene similarity and propose a deep convolutional neural network model
- Focus on representation learning and construct spatial scene vector space representation

ⓘ PAPER

- DeepSSN: a deep convolutional neural network to assess spatial scene similarity.**Transactions in GIS,2022**

♡ PERSONAL HONORS

- Merit Student in School of Computer Science and Technology, University of Chinese Academy of Sciences，2021   TOP30%
- Outstanding Undergraduate Graduates of HUST，2020   TOP5%
- National Endeavor Fellowship of HUST，2017   National Scholarship，TOP5%
- Outstanding Student Cadres of HUST，2017，2018，2019   School-level honor
- New Student Scholarship of HUST，2017   TOP30%

🖋 AWARDS AND MORE

- China Collegiate Computing Contest (Apple), **Second prize in the Final**, 2019.
- TI Cup National Undergraduate Electronic Design Competition，**Second prize in HUST**，2019
- BeiBei Seed Cup Competition, rank: **11**/1000, 2017.
- Python/PyTorch/LaTeX/Markdown/CET-6:514/CET-4:639
- Github:https://github.com/yoghur
- Google Scholar:https://scholar.google.com.hk/citations?user=00SWBDYAAAAJ&hl=zh-CN
- CSDN Blogs:https://blog.csdn.net/qq_35700335?spm=1000.2123.3001.5343