

Zedong Wang

Pursue interpretable deep learning research.

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Academic Blog GitHub Twitter

Short Biography

I am working on computer vision problems with special focus on few-shot semantic segmentation, under Prof. Xinggang Wang at Huazhong University of Science and Technology (HUST). In the summer of 2021, I fortunately worked as a visiting student at Multimedia Laboratory (MMLab), Shenzhen Institute of Advanced Technology (SIAT), Chinese Academy of Sciences (CAS). I was a deep learning research intern (remote) at Key Laboratory of Digital Earth Science, Aerospace Information Research Institute, CAS (2020 - 2021). My academic desire is to pursue solid and interpretable deep learning research under a relatively pure research environment. Hence, as a passionate young researcher with clear mind, I am now sincerely applying for a PHD in 2023 Fall.

Education and Degrees

2019 – 2023 **BSc in Electronics Information Engineering**, *Huazhong University of Science and Technology*.

·In the 1st year, I mainly focus on the development of modern science and the philosophical science to build a deep and clear recognition of the root of modern science & engineering by myself.

·In the 2nd year, I tried to touch a wide range of scientific research fields in labs such as Complex network, deep learning, machine learning, computer vision etc. And finally determined my Mr. right in research.

·In the 3rd year, I dig deep into computer vision particularly few-shot semantic segmentation.

·I have achieved good grades in AI-related courses such as Engineering training (94/100), Software Project (92/100) and python programming (87/100) etc. All of them are difficult to get good marks due to the final projects of them.

Academic Experience

Sep. 2021 – present **Research Student**, under Prof. Xinggang Wang, *Huazhong University of Science and Technology*.
Work on few-shot semantic segmentation problems.

Jul. 2021 – **Visiting Student**, *MMLab, Shenzhen Institute of Advanced Tech. (SIAT), Chinese Academy of Sciences*.
Sep. 2021 Under Dr. Bin Fu. Responsible for semantic segmentation research and computer vision model configuration.

Sep. 2020 – **Research Intern**, *Key Lab of Digital Earth Science, Chinese Academy of Sciences*.
Apr. 2021 Under Dr. Xiaoping Du. Work on remote sensing building semantic segmentation problems.

Aug. 2019 – **Participation of a machine learning workshop (remote)**, *Louisiana State University*.
Oct. 2019 Get my 1st touch of machine learning. Pave ways for the future study and research.

Sep. 2017 – **Head of STEM club**, *Shenzhen NanShan Foreign Language School Senior High School*
Apr. 2017 1st author of a municipal project thesis which won the support funds from Shenzhen city government.
Build a scientific research sense and mindset.

Skills and Strengths

Deep Learning and computer vision foundations particularly few-shot semantic segmentation.

English (relatively fluent): IELTS 7.0 Overall Grades (2019). Communication, paper reading and writing skills.