Wujun Shi

Phd Applicant

Github: Wujun “Charles” Shi

Wujun Shi
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Skills

Deep Learning, Transfer Learning, Domain Adaptation, Pytorch

Computer Graphic, Human Computer Interaction

Education and award

Beijing University of Post and Telecommunication(**BUPT**)/ **MS**
9 2020 - 6 2023, Beijing Top 5%

2021 Outstanding Student in state key lab of networking and switching technology.

2021-2022 National Scholarship

Zhongyuan University of Technology**(ZUT)** / **BS**
9 2015 - 6 2020, Zhengzhou Top 7%

ACM Silver Medal in 2018 Henan province

First Award of Beijing Lanqiao Programming Contest

2017-2018 National Scholarship

Experience

University of Washington / Research intern
3 2022 - PRESENT

I joined the Domain Adaptation in Longitudinal Behavior Modeling for Depression Detection Project as a team leader supervised by Orson Xu and Xinliu.. In this project, because there is no existing adaptation algorithm specifically for behavior modeling, I reproduced and discovered the shortcomings of 13 existing deep learning algorithms in computer graphics as they have low performance due to failure to capture the longitudinal feature and the domain mismatch problem. Then, I developed a new algorithm based on data augmentation, LSTM, adversarial training and metric learning to boost the performance.

BUPT State Key Lab of Networking and Switching Technology/ Lab member
12 2020 - 1 2022

I joined the vulnerable detection for source code project as a team member supervised by Fei Gao and Sujuan Qin. In this project, we developed a new form of LSTM to encode the source code and use metric learning to capture the high level feature, therefore leading

to a high performance in vulnerable detection.

ZUT / ACM team member

6 2016 - 5 2018

I joined the ACM Contest Programming group as a team member. I develop the online judging system in the local area network for the contest group in the school.