Xilie Xu

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Education Background

Aug. 2021 - Present **Ph.D. Candidate**, Department of Computer Science, School of Computing, National University of Singapore, Singapore.

Sep. 2017 - Jun. 2021 **Undergraduate**, Taishan College, Shandong University, Jinan, China.
GPA 87.64/100 (ranking 5/16)
Taishan College is an elite program, which is committed to cultivating compound and creative elite students in science and engineering disciplines. The selection of this college is really competitive, admitting only about 15 students of CS major.

Research Experience

Jun. 2019 - Jun. 2021 **Research Assistant in Research Center of Software and Data Engineering**, Shandong University, Jinan, China.
Supervised by Prof. Cui Lizhen and Dr. Zhang Jingfeng
- Research topic: Adversarial machine learning [1, 2, 3].

Publication

[1] Jingfeng Zhang*, Xilie Xu*, Bo Han, Gang Niu, Lizhen Cui, Masashi Sugiyama, and Mohan Kankanhalli. Attacks which do not kill training make adversarial learning stronger. In *ICML*, 2020.

[2] Chen Chen*, Jingfeng Zhang*, Xilie Xu, Tianlei Hu, Gang Niu, Gang Chen, and Masashi Sugiyama. Guided interpolation for adversarial training. *arXiv preprint arXiv:2102.07327*, 2021.

[3] Jingfeng Zhang*, Xilie Xu*, Bo Han, Tongliang Liu, Gang Niu, Lizhen Cui, and Masashi Sugiyama. NoiLIn: Do noisy labels always hurt adversarial training? *arXiv preprint arXiv:2105.14676*, 2021.

Internship Experience

Jun. 2021 - Jul. 2021 **Research Intern**, Department of Ant Group-CRO Line-Security and Risk Management, Ant Z Space, Hangzhou, China.
Supervised by Dr. Lyu Lingjuan
- Research topic: Adversarial machine learning and privacy.

[0] An asterisk (*) beside authors' names indicates equal contributions.

Academic Activity

Jul. 2019 **NUS School of Computing Summer Workshop 2019**, National University of Singapore, Singnapore.

- Project "Save Shanghai: Garbage Classificatio" was awarded the first prize among about 100 competitive teams in the "Big Data and Cloud Computing" cluster.

Sep. 2018 - May. 2019 **Research Assistant in Lab of Big Data Management and Analysis**, Shandong University, Qingdao, China.

Supervised by Prof. Peng Zhaohui

- Research project: Big data analysis in the context of manufacturing and how to utilize data from heterogeneous domains via transfer learning.

Oct. 2017 - Jun. 2018 **Web Development in "STUDENT ONLINE" Club**, Shandong University, Jinan, China.

- Main work: Design a questionnaire website.

Award

Jun. 2021 **Outstanding Undergraduate Thesis Award**, Shandong University.

Sep. 2020 **Specialty Scholarship (Research Innovation Award)**, *First Prize*, Shandong University.

Sep. 2020 **Outstanding Student Scholarship**, *Second Prize*, Shandong University.

Sep. 2019 **Outstanding Student Scholarship**, *Third Prize*, Shandong University.

Oct. 2018 **the 10th Mathematics Competition of Chinese College Student**, *First Prize*, Chinese Mathematical Society.

Sep. 2018 **Outstanding Student Scholarship**, *Third Prize*, Shandong University.

Dec. 2017 **the 12th Certified Software Professional Examination**, *Top 10%*, CCF Computer Proficiency Certification.

Professional Service

May. 2021 **Serve as a reviewer for NeurIPS 2021**.

English Proficiency

- TOEFL score: 97 (Speaking: 23)
- GRE score: 331 + 3.5