



“Honorable people are not ostentatious; people of moral integrity are realistic”

Publications

Conference Proceedings

2021 **Jiakai Wang**, Aishan Liu, Zixin Yin, Shunchang Liu, Shiyu Tang, Xianglong Liu. Dual Attention Suppression Attack: Generate Adversarial Camouflage in Physical World[C].//Proceedings of the *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*. **Oral presentation**. 2021.

2020 Aishan Liu*, **Jiakai Wang***, Xianglong Liu, Bowen Cao, Chongzhi Zhang, Hang Yu (* indicates equal contribution). Bias-based Universal Adversarial Patch Attack for Automatic Check-out[C].//Proceedings of the *European Conference on Computer Vision (ECCV)*. 2020.

Journal Articles

2020 **Jiakai Wang**, Aishan Liu, Xianglong Liu. Quality Elements and Testing Methods of Machine Learning Model and System. *Information Technology & Standardization*. 2020, 1(3).

2020 Aishan Liu, **Jiakai Wang**, Xianglong Liu. Artificial Intelligence Security and Measurement. *AI-View*. 2020.

Patents

2020 Aishan Liu, **Jiakai Wang**, Xianglong Liu, Qingtao Wu. Bias-based universal adversarial patch generation method and device. *Chinese patent* CN111898731A

Manuscripts in Review

2021 **Jiakai Wang**, Aishan Liu, Zixin Yin, Bowen Cao, Huanhuan Shen, Xiao Bai, and Xianglong Liu. Universal Adversarial Patch Attack for Automatic Checkout using Perceptual and Attentional Bias. Under review.

2021 Aishan Liu, Xianglong Liu, Jun Guo, **Jiakai Wang**, Yuqing Ma, Ze Zhao, Xinghai Gao, and Gang Xiao. A Comprehensive Evaluation Framework for Deep Model Robustness. Under review.

2021 Renshuai Tao, Yanlu Wei, Xiangjian Jiang, Hainan Li, Haotong Qin, **Jiakai Wang**, Yuqing Ma, Libo Zhang, Xianglong Liu. Towards Real-world X-ray Security Inspection: A High-Quality Benchmark And Lateral Inhibition Module For Prohibited Items Detection. Under review.

Honors and Fellowships

2021 Beihang University Excellent Part-time Student Cadre Scholarship(\$1152.75)

2020 China National Scholarship (\$4,636)

2020 Excellent Developer of OpenI Community(\$3074)

2020 Beihang University Guorui Scholarship (\$1229.6)

2020 Beihang University Excellent Part-time Student Cadre Scholarship (\$1153.5).

2020 Beihang University First Prize Scholarship (\$2368.52)

2020 Beihang University Outstanding Graduate Student

- 2020 Beihang University Merit Student
- 2019 Beihang University First Prize Scholarship (\$2368.52)
- 2019 Beihang University Excellent Part-time Student Cadre Scholarship (\$768.5).
- 2018 Beihang University First Prize Scholarship (\$1999.4)
- 2018 Beihang University Outstanding Freshman Scholarship (\$4,636)
- 2018 Outstanding Graduates of Beijing Province

Volunteer Experience

- 2021 Volunteer service of the congress to celebrate the 100-th anniversary of the founding of the Communist Party of China.
- 2019 Volunteer service of celebrating the founding of the people's Republic of China.
- 2016 Volunteer service of data structure teaching assistant in school of computer science, Beihang University.