

Peng Wang

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EDUCATION

[Georgia State University]

[Atlanta], [USA]

PhD Student of Computer Science

Expected [2018-2022]

- **Research Area:** Machine Learning, Security & Privacy
- **Relevant Coursework:** Deep Learning / Advanced Algorithms / Parallel Algorithms / Sensor Network and IoT / Modelling & Simulation Theory
- **Course Projects:** Mobile Phone Usage Tracking Based on Multi-Modal Deep Learning / VNF Failure Cover Problem
- **Teaching Assistance Experience:** CSC 4850/6850 Machine Learning / CSC 6223 Privacy

[Beijing Institute of Technology]

[Beijing], [China]

Bachelor of Science in Electronic information Engineering

[2013-2017]

- **Relevant Coursework:** Software Engineering / Information System Security / Signal Processing / Communications & Network Theory

Teaching Experience

[Georgia State University]

[Atlanta], [USA]

CSC 1010 Computers and Applications

[2020]

CSC 4760/6760 Big Data Programming

[2021]

[Beijing No.44 Middle School]

[Beijing][China]

Soar Plan Summer Camp

[2016]

Soar Plan Summer Camp

[2017]

RESEARCH

- Published
 - Wang, P., Cai, Z., Kim, D., & Li, W. (2021). Detection Mechanisms of One-Pixel Attack. *Wireless Communications and Mobile Computing*, 2021.
- On-going
 - Adversarial Image-Scaling Attack: Exploit the Secure Image-Scaling Algorithm in Machine Learning
 - Blockchain based Trackable Secure Image Sharing System
 - Attack on Blockchain Based Federated learning

INTERN EXPERIENCE

[Hillhouse Academy]

[Beijing], [China]

[Intern]

[2015.07] – [2015.08] & [2014.07]-[2014.08]

- Develop the conference participants management system.
- Maintain and develop the Hillhouse academy resource management system.

[Beijing Integrity Technology co. Ltd.]

[Beijing], [China]

[Intern], [Kr Cyber Security Laboratory]

[2018.03] – [2018.06]

- Work as operations and devops for cloud-hosted cyber range.
- 360 Enterprise Security Chunqiu Cup CTF competitions:
 - Operate and test online and offline system environments: Deploy equipment and environments under intranet environment, test the reliability of the online system.