Zhizhen Chen

Born on March 10th, 2003

Currently studying in Xi'an, China

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Research Interests

- Adversarial Samples
- AI Security
- Computer Vision
- Side-Channel Analysis

Education

2022 – Current **Undergraduate in Computer Science and Technology**
Xi'an Jiaotong University

2020 – 2022 **Undergraduate in Information and Computational Science**
Xi'an Jiaotong University

2018 – 2020 **Honors Youth Program**
Xi'an Jiaotong University
Wikipedia of the Program

GPA: 3.62 / 4.3

Avg. Grade: 87.31 / 100

Research Experiences

Oct. 2023 – Current **Research Internship in AI Security**

Advisors: Prof. Zhengyu Zhao, Prof. Xiao Zhang (from CISPA)
Research of **Data Poisoning Attacks** (May 2024 - Current), and **Vision Language Models' Out-of-Distribution Performance** (Jan. 2024 - May 2024).

Sep. 2022 – Feb. 2024. **Research Internship in IoT**

Lab of Smart Sensing and Mobile Computing
Advisors: Prof. Wei Xi, Xieyang Sun (PhD Student)
Research of **Wireless Side-channel**.

Publications

- **Zhizhen Chen**, Subrat Kishore Dutta, Zhengyu Zhao, Chenhao Lin, Chao Shen, and Xiao Zhang. Can Targeted Clean-label Poisoning Attacks Generalized? *Under Review. arXiv preprint arXiv:2412.03908.*
- Xieyang Sun, Yuanqing Zheng, Wei Xi, Zuhao Chen, **Zhizhen Chen**, Han hao, Zhiping Jiang, and Sheng Zhong. TEMPEST-LoRa: Cross-Technology Covert Communication. *Under Review.*

Representative Honors

- The 2021 China Collegiate Programming Contest (aka. CCPC), Harbin Site, Gold Medal
- CCF CCSP (Northwest China) 2021, Gold Medal
- Xi'an Jiaotong University, Outstanding Student Award, 2020-2021, 2022-2024
- The 2020 International Collegiate Programming Contest (aka. ACM-ICPC) Asia Nanjing Regional Contest, Silver Medal

Core Courses

- Programming Fundamentals (100 / 100)
- Discrete Mathematical Structures (99 / 100)
- Data Structure and Algorithms I (99 / 100)
- Network and Information Security (95/100)

Skills

1. Programming Languages: Python, C, Cpp
2. Pytorch Framework
3. English Proficiency: TOEFL iBT 99 (Reading 26, Listening 24, Speaking 23, Writing 26)

Last updated: December, 2024.