Haoyuan Wang

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Education

University of Science and Technology of China   **Sep 2019 – Jul 2023**
Bachelor of Engineering in Computer Science and Technology   *3.49/4.3*

University of Science and Technology of China   **Sep 2023 – Jul 2026(expected)**
Master of Engineering in Computer Science and Technology   *3.81/4.3*

Experience

Cyberthreat Hunting And Security Engineering Lab - USTC   **Feb 2022– Now**
Research Intern   *Hefei, China*

- Produced an S&P 2024 submission as the first author, studied port forwarding services comprehensively, and uncovered the security risks on the technical mechanism and the user side.
- Proposed a novel methodology to discovery and capture the websites forwarded by these services.
- Proposed a new fine-tuned multi-modal model to classify websites on some security-related categories.

Truthworthy System Group - MSRA   **Feb 2023– May 2023**
Research Intern   *Beijing, China*

- Focused on Prompt Injection Attack on LLM.
- Explored the commonalities among different success attacks.
- Tried to build a fuzzing framework for vulnerability detection and related security research.

RoboWalker - USTC   **Dec 2021– Dec 2022**
Visual Team Leader, Deputy Team Leader   *Hefei, China*

- Independently proposed new video processing solutions that improve noticably.
- Independently implmented robotic auto-targeting/auto-aiming in one month.

USTC-Software - USTC   **May 2021– Oct 2021**
Back-End Team Leader   *Hefei, China*

- Organized and participated in the completion of back-end code and server configuration.
- Was responsible for interfacing data with the front-end.

Honors and Awards

Third Prize in HITCTF	*January, 2024*
Third Prize in HackerGame	*October, 2023*
Stars of Tomorrow (Award of Excellent Intern), Microsoft Research Asia	*May, 2023*
National Encouragement Scholarship	*November, 2020/21/22*
Outstanding Student Scholarship, USTC	*November, 2020/22*
Second Prize in Huawei CodeCraft Software Challenge	*May, 2021*
Silver Medal in iGEM(International Genetically Engineered Machine)	*November, 2021*
First Prize(Standard Robot Track),	
Second Prize(Team Track),	
Third Prize(Algorithm Track) in RoboMaster	*November, 2022*

Skills

Languages: Mandarin (native), English (intermediate)
Programming Languages: Python, C/C++, Bash