

Haotian Deng

mobile: (+86) 15311158537 | email:h.deng@std.uestc.edu.cn | site: <https://www.ddht.top>

EDUCATIONAL EXPERIENCES

University of Electronic Science and Technology of China, Chengdu

Sep. 2024 - present

Major: Cyberspace Security

Beijing University of Posts and Telecommunications, Beijing

Sep. 2020 - Jul. 2024

Degree: Bachelor of Engineering **Major:** Information Security

PUBLICATIONS

Haotian Deng, Hongwei Li, Hanxiao Chen, Meng Hao, Pengzhi Xing, Jia Hu, Rui Zhang, and Wenbo Jiang, "SecInfer: Secure and Efficient Model Inference on Vertically Partitioned Data," in *Proceedings of IEEE ICC*, 2025.

Wenshu Fan, Hongwei Li, Wenbo Jiang and **Haotian Deng**, "Making Audio Data Unlearnable," in *Proceedings of IEEE ICC*, 2025.

Haotian Deng and Shengli Pan, "Evaluating Network Boolean Tomography under Byzantine Attacks," in *Proceedings of IEEE GLOBECOM*, 2023.

SERVICES

Journal Reviewer

- IEEE Internet of Things Journal(IoTJ)
- Peer-to-Peer Networking and Applications(PPNA)

RESEARCH PROJECT

Main Researcher, the National Natural Science Foundation of China (NSFC) under Grant No.62271066 *Jul. 2022 - May 2023*

- Developed algorithms and experimental designs to explore Byzantine attacks in network measurement.
- Developed a visual tool NBT_ByzAtt_GUI to help make our findings easier to understand.
- Published paper as first author in IEEE GLOBECOM.
- Visual tool code: <https://gitee.com/eric-teng/byzan-tom-analysis>
- Project code: https://gitee.com/eric-teng/eval_nbt_vs_byzantine

Main Contributor, openKylin Open Source Project

Feb. 2023 - Mar. 2023

- Fixed a medium bug in Moby (Docker Engine) prior to version 20.10.14, it was discovered that the container had mistakenly started with non-empty inheritable Linux process capabilities and had programs with inheritable capabilities raise those capabilities to the allowable set, giving non-privileged users and processes additional access to these inheritable files
- Verified the vulnerable and submitted a patch, ensuring that the container does not start with inherited Linux process capabilities
- Contribution link: <https://gitee.com/openkylin/containerd>

Application Deployment, openEuler Application Deployment

Sep. 2023

- Developed a web server using openEuler OS and openGauss database, implementing various technologies for application support and deployment.

Project Leader, Climate Data Sonification Project, Beijing University of Posts and Telecommunications *Jun. 2023 - Jul. 2024*

- Explored methods for the sonification of climate data, converting climate data into musical scores.

WORK EXPERIENCE

Co-founder, Beijing Fanxing Qiming Educational Technology Co., Ltd.

May 2021 - present

- Co-founded Beijing Fanxing Qiming Educational Tech, launching a pioneering student collaboration platform that expanded into a widely acclaimed social matching service.
- Led strategic initiatives and innovations, significantly contributing to the company's acclaim and growth in the educational technology sector.

Intern, China Cybersecurity Association

May 1, 2022 - July 1, 2022

- Handled administrative tasks and contributed to the day-to-day operational efficiency of the association.
- Contributed to the initiative of promoting enterprises to comply with Cybersecurity Multi-Level Protection Scheme 2.0.

Intern, Beijing Softcom Power Co., Ltd.

Sep. 2023

- Responsible for developing and setting up databases on the openEuler operating system.
- Focused on optimizing database performance and ensuring system stability and security.

CAMPUS ACTIVITIES

Class President, School of Cyberspace Security, Beijing University of Posts and Telecommunications

Sep. 2020 - Jul. 2024

- Represented and led the student body, organizing events and acting as a liaison between students and faculty.

Project Leader, Key Social Practice Program, School of Cyberspace Security, BUPT

Jul. 2022

- Led a major social practice project, focusing on team collaboration and the execution and planning of key tasks.

PROFESSIONAL SKILLS

- Proficient in Python and C; competent in C++, PyTorch, Git and network penetration tools.
- Familiar with data structures (e.g., linked lists, hash tables, binary trees), computer networking and operating systems.

PERSONAL STATEMENT

- Highly proactive and goal-oriented with a strong focus on self-improvement.
- Possess strong mental resilience, personal cultivation, and excellent interpersonal and teamwork skills.
- Quick to adapt and respond with a diligent and efficient work ethic.
- Adept at learning and embracing new technologies and concepts.