

Wenjie Qu

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EDUCATION

Huazhong University of Science and Technology, Wuhan, China
B.E. Automation, Honor Class

2019.9-2023.6

- **GPA: 3.93/4.0** Score: 90.8/100

RESEARCH INTERESTS

Various topics in Computer Security:

- Machine Learning for Computer Security
- Machine Learning Security& Privacy
- Secure Computation
- Software Security
- Blockchain Security& Privacy

EXPERIENCE

Blockchain Security
Research Intern, Dawn Song's Group, UC Berkeley
Under the supervision of Professor Dawn Song

March 2022-
Berkeley, USA

Automatic Decompilation
Research Intern, Hexhive Group, EPFL
EPFL Summer Program, selected 2% out of undergraduates globally
Under the supervision of Professor Mathias Payer

January 2022-
Lausanne, Switzerland

AI-based Binary Analysis
Research Intern, Network & Information Security Lab, Tsinghua University
Under the supervision of Professor Chao Zhang.

June 2021-January 2022
Beijing, China

Provably Robust Machine Learning
Research Intern, Neil Gong's Research Group, Duke University
Under the supervision of Professor Neil Gong.

January 2021-March 2022
Durham, USA(remote)

Adversarial Machine Learning on Computer Vision

Research Intern, School of Cyber Science and Engineering, Huazhong University of S&T

Wuhan, China

Under the supervision of Dr. Binghui Wang and Professor Pan Zhou

PUBLICATIONS

- **jTrans: Jump-Aware Transformer for Binary Code Similarity Detection**

Hao Wang*, **Wenjie Qu***, Gilad Katz, Wenyu Zhu, Zeyu Gao, Han Qiu, Jianwei Zhuge, Chao Zhang
International Symposium on Software Testing and Analysis (ISSTA) 2022

- **EncoderMI: Membership Inference against Contrastive Learning**

Hongbin Liu*, Jinyuan Jia*, **Wenjie Qu**, Neil Gong
ACM Conference on Computer and Communications Security (CCS) 2021,

- **REaaS: Robust Encoder as a Service in Contrastive Learning**

Wenjie Qu, Jinyuan Jia, Neil Gong
Submitted to NDSS 2023

- **Certified Radius-Guided Attacks to Image Segmentation Models**

Wenjie Qu*, Youqi Li*, Binghui Wang
Submitted to IEEE S&P 2023

- **Pre-trained Encoders in Self-Supervised Learning Improve Secure and Privacy-preserving Supervised Learning**

Hongbin Liu*, **Wenjie Qu***, Jinyuan Jia, Neil Gong
Submitted to ACM CCS 2022

PROJECTS

Decentralized Data Science

ACADEMIC SERVICE

External Reviewer

- International Conference on Machine Learning (ICML), 2022

HONORS & AWARDS

- Autodriving CTF, DEFCON 29, 4th place 2021
- **National Scholarship (the highest honor for undergraduates in China)** 2020
- **Outstanding Graduate(top 1%)** 2020
- Merit Student (1/30) 2020

Programming Competitions

- Bronze Medal, Asia-Pacific Informatics Olympiad 2018
- Bronze Medal, National Olympiad in Informatics Winter Camp 2018
- First Prize, National Olympiad in Informatics in Provinces 2017