

Wenjie Qu

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EDUCATION

Huazhong University of Science and Technology, Wuhan, China 2019.9-2023.6
B.E. Automation, Honor Class

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

RESEARCH INTERESTS

Various topics in Computer Security:

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

EXPERIENCE

Blockchain Security March 2022-
Research Intern, Dawn Song's Group, UC Berkeley Berkeley, USA
Under the supervision of Professor Dawn Song

Automatic Decompilation January 2022-
Research Intern, Hexhive Group, EPFL Lausanne, Switzerland(remote)
EPFL Summer Program, selected 2% out of undergraduates globally
Under the supervision of Professor Mathias Payer

AI-based Binary Analysis June 2021-January 2022
Research Intern, Network & Information Security Lab, Tsinghua University Beijing, China
Under the supervision of Professor Chao Zhang.

Provably Robust Machine Learning January 2021-March 2022
Research Intern, Neil Gong's Research Group, Duke University Durham, USA(remote)
Under the supervision of Professor Neil Gong.

Adversarial Machine Learning on Computer Vision July 2020-December 2020
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 ICML 2022
- **Certified Radius-Guided Attacks to Image Segmentation Models**
Wenjie Qu*, Youqi Li*, Binghui Wang
Submitted to IEEE SP 2023
- **MPass: Bypassing Learning-based Static Malware Detectors**
Jialai Wang, Han Qiu, **Wenjie Qu**, Chao Zhang, Yi Rong, Qi Li
Submitted to IJCAI 2022

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