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

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

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

Provably Robust Machine Learning
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
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