Mingxue ZHANG

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EDUCATION

The Chinese University of Hong Kong   Aug. 2018 – Present
Ph.D. in Computer Science and Engineering

Wuhan University   Sep. 2014 – Jul. 2018
B.Eng in Computer Science and Technology *(Hongyi Talent Class)*
- GPA: **3.89**, ranked **no. 1** in School of Computer Science.

RESEARCH INTERESTS

Network and System Security, Software Engineering

PUBLICATIONS

Currently, I have published **2 full papers** at top security conferences (IEEE S&P and Usenix Security), **2 full papers** at top software engineering conference (ESEC/FSE), and **2 papers (including 1 short paper)** at CCF-A network and communication conference (WWW and INFOCOM).

Papers in Refereed Conferences

1. **JSISOLATE: Lightweight In-Browser JavaScript Isolation.**
   Mingxue Zhang and Wei Meng.
   To appear in proceedings of the 29th ACM Joint European Software Engineering Conference and on the Foundations of Software Engineering (ESEC/FSE), Athens, Greece, August 2021.

2. **Revealer: Detecting and Exploiting Regular Expression Denial-of-Service Vulnerabilities.**
   Yinxi Liu, Mingxue Zhang, and Wei Meng.
   In proceedings of the 42nd IEEE Symposium on Security and Privacy (S&P), San Francisco, CA, May 2021.

3. **Detecting and Understanding JavaScript Global Identifier Conflicts on the Web.**
   Mingxue Zhang and Wei Meng.
   In proceedings of the 28th ACM Joint European Software Engineering Conference and on the Foundations of Software Engineering (ESEC/FSE), Sacramento, CA, November 2020.

4. **MineThrottle: Defending against Wasm In-Browser Cryptojacking.**
   Weikang Bian, Wei Meng, and Mingxue Zhang.
   In proceedings of the Web Conference 2020 (WWW), Taipei, Taiwan, April 2020.

5. **Poster: Finding JavaScript Name Conflicts on the Web.**
   Mingxue Zhang, Wei Meng, and Yi Wang.
   In proceedings of the 26th ACM Conference on Computer and Communications Security (CCS), London, UK, November 2019.

6. **All Your Clicks Belong to Me: Investigating Click Interception on the Web.**
   Mingxue Zhang, Wei Meng, Sangho Lee, Byoungyoung Lee, and Xinyu Xing.
   In proceedings of the 28th USENIX Security Symposium (Security), Santa Clara, CA, August 2019.

7. **InstantCryptoGram: Secure Image Retrieval Service.**
   Minghui Li, Mingxue Zhang, Qian Wang, Sherman S. M. Chow, Minxin Du, Yanjiao Chen, and Chenliang Li.
   In proceedings of the IEEE Conference on Computer Communications (INFOCOM), Honolulu, HI, April 2018

HONORS AND AWARDS

CUHK Postgraduate Studentship 2018 – 2022
The Chinese University of Hong Kong

Outstanding Graduate of School of Computer Science July 2018
Wuhan University

National Scholarship November 2017
The Ministry of education of China

Merit Student December 2016
School of Computer Science, Wuhan University

Second-class Scholarship October 2015
School of Computer Science, Wuhan University

First-class Scholarship of Hongyi Talent Class September 2015
Wuhan University

SERVICES

External Reviewer

- The Web Conference (WWW) 2020
- The ACM Conference on Computer and Communications Security (CCS) 2021
- The ACM Asia Conference on Computer and Communications Security (AsiaCCS) 2021

Teaching Assistant CUHK

- ENGG5015 Computer and Network Security 2019, 2021
- CSCI3170 Introduction to Database Systems 2020
- CSCI4140 Open-Source Software Project Development 2018, 2019
- ENGG1110A Problem Solving by Programming 2018

Undergraduate Student Guidance

- Hong Kai Yin, research assistant at CUHK January 2021 – Present

SKILLS

English: CET-6 623, TOFEL 107
Programming: C/C++, Python, JavaScript