Mingxue ZHANG

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EDUCATION

The Chinese University of Hong Kong　　　　　　　　　　Aug. 2018 – Jul. 2022 (expected)

Ph.D. in Computer Science and Engineering

GPA: **3.95 / 4.0**

Wuhan University　　　　　　　　　　　　　　　　　　　　Sep. 2014 – Jul. 2018

B.Eng in Computer Science and Technology *(Hongyi Talent Class)*

GPA: **3.89 / 4.0**, 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).

1. **JSISOLATE: Lightweight In-Browser JavaScript Isolation.**
   Mingxue Zhang and Wei Meng.
   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

SELECTED 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

First-class Scholarship of Hongyi Talent Class   September 2015

Wuhan University

SERVICES

External Reviewer

The Web Conference (WWW)	2020, 2021, 2022
The ACM Asia Conference on Computer and Communications Security (AsiaCCS)	2021, 2022
The ACM Conference on Computer and Communications Security (CCS)	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

Mentoring

Hong Kai Yin, research assistant at CUHK	January 2021 – May 2021