

Mingxue ZHANG

✉ mxzhang@cse.cuhk.edu.hk

🏠 <https://zhangmx1997.github.io>

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

Web Security, Software Security

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