# Mingxue ZHANG

✉ mxzhang@cse.cuhk.edu.hk　　　⌂ https://zhangmx1997.github.io

## 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.
   *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