# Mingxue Zhang

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## RESEARCH INTERESTS

Web Security, Software Security

## PROFESSIONAL EXPERIENCE

**Assistant Professor**                                                        Nov. 2022 – Present

School of Cyber Science and Technology, Zhejiang University

## EDUCATION

**The Chinese University of Hong Kong**                           Aug. 2018 – Jul. 2022

Ph.D. in Computer Science and Engineering

Advised by Prof. Wei Meng

**Wuhan University**                                                          Sep. 2014 – Jun. 2018

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

GPA: **3.89 / 4.0**, ranked **no. 1** in School of Computer Science

## PUBLICATIONS

1. **CSChecker: Revisiting GDPR and CCPA Compliance of Cookie Banners on the Web.**

   Mingxue Zhang, Wei Meng, You Zhou, and Kui Ren.

   *To appear in Proceedings of 46th International Conference on Software Engineering (ICSE), April 2024.*

2. **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.*

3. **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.*

4. **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.*

5. **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.*

6. **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.*

7. **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.*

8. **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*

## PATENT

1. **A Real-time Communication Method for Smartphone based on Hidden Acoustical Signal.**
Qian Wang, Man Zhou, Mingxue Zhang, and Xiuying Chen.
*CN106161785B, SIPO (The State Intellectul Property Office of The People's Republic of China), 2019*

## SELECTED HONORS AND AWARDS

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

**Outstanding Graduate of School of Computer Science** Jul. 2018
Wuhan University

**National Scholarship** Nov. 2017
The Ministry of education of China

**First-class Scholarship of Hongyi Talent Class** Sep. 2015
Wuhan University

## SERVICES

**Journal Reviewer**

- Empirical Software Engineering 2022

**Program Committee Member**

- ACM SIGSOFT Symposium on the Foundation of Software Engineering/ European Software Engineering Conference (ESEC/FSE) 2023
- International Symposium on Software Testing and Analysis (ISSTA) 2024
- IEEE/ACM International Conference on Software Engineering (ICSE) 2025

**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