

# Mingxue ZHANG

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## EDUCATION

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**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*)

- Class ranking: 1, Department ranking: 1

## RESEARCH INTERESTS

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Network and System Security, Software Engineering

## PUBLICATIONS

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

### Papers in Refereed Conferences

1. **Revealer: Detecting and Exploiting Regular Expression Denial-of-Service Vulnerabilities.**

Yinxi Liu, Mingxue Zhang, and Wei Meng.

*To appear in proceedings of the 42nd IEEE Symposium on Security and Privacy (S&P), San Francisco, CA, May 2021.*

2. **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.*

3. **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.*

4. **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.*

5. **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.*

6. **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

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<b>CUHK Postgraduate Studentship</b> The Chinese University of Hong Kong	2018 – 2022
<b>Outstanding Graduate of School of Computer Science</b> Wuhan University	July 2018
<b>National Scholarship</b> The Ministry of education of China	November 2017
<b>Merit Student</b> School of Computer Science, Wuhan University	December 2016
<b>Second-class Scholarship</b> School of Computer Science, Wuhan University	October 2015
<b>First-class Scholarship of Hongyi Talent Class</b> Wuhan University	September 2006

## SERVICES

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<b>External Reviewer</b>	
• 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
<b>Teaching Assistant</b>	CUHK
• ENGG5015 Computer and Network Security	2019, 2020
• CSCI3170 Introduction to Database Systems	2020
• CSCI4140 Open-Source Software Project Development	2018, 2019
• ENGG1110A Problem Solving by Programming	2018
<b>Undergraduate Student Guidance</b>	
• Hong Kai Yin, research assistant at CUHK	January 2021 – Present

## SKILLS

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