

# ZHANG YIMING

csyzhang@comp.polyu.edu.hk

## EDUCATION

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<b>PhD Candidate</b>   <i>Computer Science</i> The Hong Kong Polytechnic University	2020.9 – Present
<b>Master Degree</b>   <i>Computer Technology</i> South China University of Technology	2017 – 2020
<b>Bachelor Degree</b>   <i>Information Security</i> University of Electronic Science and Technology of China	2013 – 2017

## RESEARCH INTERESTS

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**My research interest is system security, including confidential computing, trusted execution environment, and hardware-assisted security.**

## PUBLICATIONS

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**Shelter: Extending Arm CCA with Isolation in User Space**  
Yiming Zhang, Yuxin Hu, Zhenyu Ning, Fengwei Zhang, Xiapu Luo, Haoyang Huang, Shoumeng Yan, and Zhengyu He  
In Proceedings of the 32nd USENIX Security Symposium (USENIX Security'23)

**Alligator In Vest: A Practical Failure-Diagnosis Framework via Arm Hardware Feature**  
Yiming Zhang, Yuxin Hu, Haonan Li, Wenxuan Shi, Zhenyu Ning, Xiapu Luo, and Fengwei Zhang  
In Proceedings of the 32nd International Symposium on Software Testing and Analysis (ISSTA'23)

## WORK EXPERIENCE

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**Summer Intern**, Tencent WXG WeChat Payment, June 2019 - August 2019

## AWARDS

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**National 2nd Prize**, The 9th NATIONAL COLLEGE STUDENT INFORMATION SECURITY CONTEST, Aug. 2016.

**The 2nd Prize Scholarship**, Dec. 2016.

**The 3rd Prize Scholarship**, Dec. 2015.

## MISCELLANEOUS

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- <https://yimmiming-z.github.io/>