

# Chaopeng Dong

PHD STUDENT · CYBER SECURITY

19 Shucun Road, Information Engineering Research Institute, Beijing, China

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## Education

### Institute of Information Engineering, Chinese Academy of Sciences

Beijing, China

PH.D IN CYBER SECURITY

2019.9 - Now

- Research: Software supply chain security, Vulnerability detection, IoT & Binary security

### College of Computer Science, Sichuan University

Sichuan, China

B.ENG. IN COMPUTER SCIENCE

2015.9 - 2019.6

- GPA 3.77/4.0

## Professional Skills

Language Python, C/C++,  
Tech. Binary Code Similarity Detection, Deep Learning, Data Analysis,  
Tool IDA Pro, Angr, Binwalk, Pytorch,

## Publications

### PUBLISHED

**Chaopeng Dong**, Siyuan Li, Shouguo Yang, Yang Xiao, Yongpan Wang, Hong Li, Zhi Li, Limin Sun. 2024. LibvDiff: Library Version Difference Guided OSS Version Identification in Binaries. International Conference on Software Engineering (ICSE).

Shouguo Yang\*, **Chaopeng Dong**\*, Yang Xiao, Yiran Cheng, Zhiqiang Shi, Zhi Li, Limin Sun. 2023. Asteria-Pro: Enhancing Deep-Learning Based Binary Code Similarity Detection by Incorporating Domain Knowledge. ACM Transactions on Software Engineering and Methodology (ToSEM).

### IN REVIEW

Siyuan Li, Yongpan Wang, **Chaopeng Dong**, Shouguo Yang, Hong Li, Hao Sun, Zhe Lang, Zuxin Chen, Weijie Wang, Hongsong Zhu, Limin Sun. 2023. ACM Transactions on Software Engineering and Methodology (ToSEM). **Minor revision**

## Awards, Fellowships, & Grants

2022.12	First Prize in IoT Security Track, Datacon, Qi'anxin Group & Tsinghua University	CNY 30,000
2021.12	Second Prize in Software Supply Chain and IoT Security Track, Datacon, Qi'anxin Group & Tsinghua University	CNY 30,000
2018.4	Honorable Mentioned in Mathematical Contest In Modeling, MCM/ICM, Insititute of mathematics & its applications	
2018.11	China National Scholarship, Chinese Central Government	CNY 8000
2017.11	First Prize in the 9th National College Student Mathematics Competition, Chinese Mathematical Society (CMS)	
2016.11	First Prize in the 8th National College Student Mathematics Competition, Chinese Mathematical Society (CMS)	
2016.11	China National Scholarship, Chinese Central Government	CNY 8000