Zhaoqi Xiao

CONTACT INFORMATION

Department of Computer Science and Engineering
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Riverside, CA, USA

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REASERCH INTERESTS

My research interests focus on software engineering, especially in automatically program pattern recognition using static analysis. I also have experience in using SOTA dynamic analysis framework (i.e., PinTools), graph matching algorithms, hardware development and programming contest.

EDUCATION

Southern University of Science and Technology, Shenzhen, China

B.Eng. in Computer Science and Technology, June 2022
- Advisor: Yinqian Zhang

University of California-Riverside, CA, USA

Ph.D in Computer Science, Current
- Advisor: Heng Yin

PUBLICATIONS

- (**Under Submission**) Sheng Yu, **Zhaoqi Xiao** and Heng Yin, GrassDiff: Learning-Free Callgraph Matching for Precise Function Identification in Large Binaries.

- (**USENIX'24**) Zhenxiao Qi, Jie Hu, **Zhaoqi Xiao**, and Heng Yin, SymFit: Making the Common (Concrete) Case Fast for Binary-Code Concolic Execution, 33rd USENIX Security Symposium, August 2024.

PROFESSIONAL EXPERIENCE

Tencent Holdings Limited

- Developer Intern   **June 2021 to Aug 2021**

AWARDS

- 2022/2023 Southern California Regional International Collegiate Programming Contest (ICPC-SoCal) [*rank 12/59*]

- 2021 Xiang Yun Cup CTF (by Prov. Jilin Government) [*rank 83/826*]

- 2021 Qiang Wang Cup CTF (by i Chunqiu) [*rank 414/3179*]

- 2020 Hackergame 2020 (by USTC) [*rank 74/2410*]

- 2018 China Collegiate Programming Contest (ACM/CCPC) [*Bronze Medal*]

- 2015 & 2016 National Olympics of Informatics in Province (NOIP) [*First Price*]