LINKE LI

PERSONAL INFORMATION

Gender: male
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RESEARCH INTERESTS

Having focused on software testing, I now aspire to broaden my expertise by researching diverse aspects of software engineering. I am interested in using software tools such as programming language and software analysis techniques to make it easier to develop correct and efficient software.

EDUCATION

University of Utah *2024.09-Now*
PhD in Computer Science, advisor: Professor Jun Xu
Research interest: Fuzzing, software testing.

Nanjing University *2021.09-2024.06*
Master Student in Computer Science, advisor: Professor Bing Mao
Thesis: Research on unstable code in the Linux kernel

Xi'an Jiaotong University *2017.09-2021.06*
Bachelor's Degree in Computer Science
GPA:3.57(86.35/100)
Thesis: Research on caching algorithm suitable for QQ photo album

PROJECTS

Compiler Introduced Bugs Detection 2022.05 - 2023.07 Nanjing University

· We propose a novel detection technique. We compare the code before and after the optimizations and find out the differences. Comparing this can help us detect vulnerabilities introduced by compilers.

PUBLICATIONS

Silent Bugs Matter:A Study of Compiler-Introduced Security Bugs Nanjing University

· Jianhao Xu, Kangjie Lu, Zhengjie Du, Zhu Ding, **Linke Li**, Qiushi Wu, Mathias Payer, Bing Mao
· In this paper, we first survey all bugs that do not exist in source code while introduced by the compilers. It is hard for programmers to find out this kind of bug before they execute them.

ACHIEVEMENTS

Second Prize in College Student Mathematical Contest(Non-Mathematics Category)	*December 2020*
Excellent Student of Xi'an Jiaotong University	*November 2019*
First Prize in Xi'an Jiaotong University Mathematical Modeling Competition	*May 2019*
Third Prize Scholarship of Xi'an Jiaotong University	*2018,2019,2020*