

Xuezixiang Li

200 W Big Springs Rd., Apt 21, Riverside, CA, 92507, United States | Phone: 1-951-476-8573 | E-mail: xli287@ucr.edu

EDUCATION

- UC Riverside, Computer Science Department** **4/2019 – Present**
PhD Candidate of Computer Science
Advisor: Dr. Heng Yin
- UC Riverside, Computer Science Department** **9/2017 – 3/2019**
Master of Computer Science
GPA: 3.56/4.00 (Overall, transfer included)
Courses: Advanced Operating System, Advanced computer Architecture, Design & analysis of Algorithms
Thesis Topic: Learning Program-Wide Code Representations for Binary Diffing
Advisor: Dr. Heng Yin
- School of Computer Science, Huazhong University of Science and Technology (HUST), China** **9/2013 -7/2017**
Bachelor of Science in Computer Science
GPA: 3.5/4.0 (major); 3.2 /4.0(overall)
Core Courses: Data Structure, Operating System, Computer organization, Software Engineering, Compiler Principles, Computer Telecommunications & Network, Database System

RESEARCH INTERESTS

My research interests lie in computer security. In particular, I am interested in using machine learning techniques to solve problems in binary analysis, including but not limited to binary diffing, malware detection, and vulnerability search.

PUBLISONS

- Xuezixiang Li, Yu Qu, Heng Yin, PalmTree: Learning an Assembly Language Model for Instruction Embedding, accepted by the 28th ACM Conference on Computer and Communications Security (ACM CCS 2021), November 2021.
- Yue Duan, Xuezixiang Li, Jinghan Wang, Heng Yin, DeepBinDiff: Learning Program-Wide Code Representations for Binary Diffing, in the Network and Distributed System Security Symposium 2020 (NDSS 2020), February 2020.

RESEARCH EXPERIENCE

- Research Assistant, UC Riverside** **6/2018 - Present**
Advisor: Prof. Heng Yin (UC Riverside)
➤ Project related to binary static analysis and deep learning
- Intern, Wuhan University** **7/2017 - 9/2017**
Advisor: Prof. Dan Chen (Wuhan University)
➤ Project related to CUDA programming and machine learning.
- Intern, Information Storage and Optical Display Division, Wuhan National Laboratory For Optoelectronics** **7/2016 - 9/2016**
Advisor: Prof. Zhan shi (Huazhong University of Science and Technology)
➤ Project related to machine learning, and graph mining techniques.

TEACHING EXPERIENCE

Teaching Assistance

- CS 153 Introduction to Operating System, Winter 2021, Fall 2020, Spring 2020, Winter 2020
- CS 010A Introduction to Computer Science for Science, Mathematics & Engineering, Spring 2021
- CS 014 Data structure & algorithms, Fall 2019