

Sheng Yu

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EDUCATION

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|--|----------------------|
| University of California, Riverside | 10/2019 – Now |
| <ul style="list-style-type: none">• Ph.D. in Computer Science.• Advisor: Prof. Heng Yin | |
| University of California, Riverside | 03/2019 |
| <ul style="list-style-type: none">• M.S. in Computer Science. GPA: 3.97 | |
| Nanjing University | 06/2017 |
| <ul style="list-style-type: none">• B.E. in Software Engineering. GPA: 3.344 | |

WORKING EXPERIENCE

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| Software Engineer | Deepbits Technology | 12/2020 – Now |
| <ul style="list-style-type: none">• Developing cloud native security platform.• Developing services to detect vulnerabilities introduced by static linking. | | |
| Software Engineer, Intern | Deepbits Technology | 06/2018 – 10/2019 |
| <ul style="list-style-type: none">• Developed x86 and ARM disassembler running on GPU that can achieve over 40MB/s throughput. They are integrated into the company's malware/vulnerability detection system to provide highly efficient detection.• Implemented the backend of the aforementioned system using Java, and deployed it onto Google Cloud. | | |
| Software Engineer, Intern | Bosch Corporation | 09/2016 – 03/2017 |
| <ul style="list-style-type: none">• Developed an online exam system using Vue.js, Laravel and MSSQL. The system is capable of managing classes and exams, grading, time limit and data visualization, and is later integrated in Bosch Diagnostics for educational purposes.• Developed a web application using Vue.js, Java and MySQL that allowed for Bosch employees to manage vehicle data online. | | |

PUBLICATIONS

[USENIX Security'22] Sheng Yu, Yu Qu, Xunchao Hu, and Heng Yin, DeepDi: Learning a Relational Graph Convolutional Network Model on Instructions for Fast and Accurate Disassembly, to appear in the 31st USENIX Security Symposium, August 2022.

PROFESSIONAL SERVICES

Teaching Assistant – UC Riverside – Dec. 2019 – Dec. 2020
Journal Review: IEEE Transactions on Dependable and Secure Computing
External Review: USENIX Security'21 / '22, IEEE S&P'21 / '22