Jun ZENG

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Address: COM1-01-16, NUS, 117417, Singapore

EDUCATION

National University of Singapore (NUS), Singapore   08/2018-Present
Program: PH.D. in Computer Science
Research Area: System Security
Advisor: Zhenkai Liang   GPA: 4.9/5.0

Huazhong University of Science and Technology (HUST), China   09/2014-06/2018
Program: Bachelor of Engineering in Computer Science and Technology
Advisor: Deqing Zou   GPA: 91/100   Grade Ranking: 4/241

PUBLICATION

Enhancing SSD Performance with LDPC-aware Garbage Collection	*NVMSA'17*
WATSON: Abstracting Behaviors from Audit logs via Aggregation of Contextual Semantics	*NDSS'21*
ShadeWatcher: Recommendation-guided Cyber Threat Analysis using System Audit Records	S&P'22

WORK EXPERIENCE

Apple (intern), Shanghai, China   03/2018-07/2018
Department: Hardware Test Engineering (R&D)
Project: Xaiver design

National University of Singapore (intern), Singapore   07/2017-08/2017
Department: NUS Research Institute
Project: Cloud Computing

ACADEMIC CONFERENCES

The 29th International Super Computing, SC	10/2016
The 6th IEEE Non-Volatile Memory Systems and Applications Symposium, NVMSA	08/2017
The 22nd International Symposium on Research in Attacks, Intrusions and Defenses, RAID	10/2019
The 41st IEEE Symposium on Security and Privacy, SP	05/2020
The 29th USENIX Security Symposium, Security	08/2020
The Network and Distributed System Security Symposium, NDSS	02/2021
The 42nd IEEE Symposium on Security and Privacy, SP	05/2021

HONORS & AWARDS

Outstanding Student awarded by HUST (1/100)	12/2016
National Scholarship (1/50)	10/2017
Merit Student awarded by HUST (1/30)	10/2017
Pacemaker to Merit Student awarded by HUST (20/35000)	11/2017
Research Scholarship by NUS	09/2018
Student Travel Grant for S&P 20/21, USENIX Security 20, NDSS 21	

TEACHING ASSISTANT

Web Security (CS5331)	NUS, School of Computing	08/2018-12/2018
Introduction to Information Security (CS2107)	NUS, School of Computing	01/2019-05/2019
Introduction to Information Security (CS2107)	NUS, School of Computing	08/2019-12/2019
Web Security (CS5331)	NUS, School of Computing	01/2020-05/2020
Introduction to Information Security (CS2107)	NUS, School of Computing	08/2020-12/2020
Web Security (CS5331)	NUS, School of Computing	01/2021-05/2021

COMPUTER SKILLS

Programming Languages: C++, Python, Assembly language, LaTex, and Verilog
Operating System: Linux, MacOS
Application: Tensorflow, Pytorch, Kafka, Neo4j, PostgreSQL, Elasticsearch and so on