

WEIZHAO JIN

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Education

Zhejiang University	September 2014 - June 2018
• Bachelor of Engineering in Electrical Engineering and Automation	GPA: 3.59/4.00
University of Virginia	August 2018 - May 2020 (expected)
• Master of Engineering in Computer Engineering	GPA: 3.86/4.00

Research Experience

Security Lab, University of Virginia	Student Research Assistant	October 2018 - Present
Advisor: Tian Yuan		
Vulnerabilities of Autonomous Vehicle Sensor Fusion Algorithm (in preparation)		January 2019 - Present
• Training adversarial examples against vision recognition module		
• Testing and attacking the sensor fusion algorithm of the autonomous vehicle platform Baidu Apollo		
Security Research on User Behavior Analytics for Facebook Login Protection (in preparation)		January 2019 - May 2019
• Developed a chrome extension to record user activity data and conduct a security experiment survey on Facebook		
• Designed a hypothetical security warning mechanism for Facebook login protection		
Vulnerabilities of Dedicated Short-Range Communication (in submission)		October 2018 - January 2019
• Analyzed existing vulnerabilities in the current version of DSRC protocol for connected vehicles		
• Designed several attacks on DSRC protocol on connected vehicle modules		

USS Lab, Zhejiang University	Student Research Assistant	October 2017 - June 2018
Advisor: Professor Wenyuan Xu		
Security Research on Multi-factor Verification for Online Accounts (in submission)		
• Employed OpenBTS and USRP, combining Osmocombb open source projects, built a SMS sniffing system		
• Investigated the online account security issue caused by SMS based multi-factor verification		
• Designed a chain reaction attack mechanism which can compromise most of the online service accounts		

Publication

[1] Tu Le, Ingy ElSayed-Aly, Weizhao Jin, Seunghan Ryu, Guy Verrier, Tamjid Al Rahat, B. Brian Park, and Yuan Tian, **Poster: Attack the Dedicated Short-Range Communication for Connected Vehicles** In 40th IEEE Symposium on Security and Privacy, 2019

Teaching Experience

University of Virginia	Graduate Teaching Assistant	August 2019 – December 2019
• Responsible for class preparation and test grading for Applied Statistics and Probability (APMA 3110)		
• Holding weekly workshops for problem sets and projects		

Activities

ACM TURC 2018	Volunteer	May 2018
• Communicated and coordinated with foreign scholars during the conference		
• Coordinated participants with check-in related procedures		
AIIESEC Overseas Internship Department	Program Coordinator	October 2014 - June 2015
• Liaised with overseas internship companies, assisted interns in working visa issues		
• Participated in the coordination of the Youth to Business Hangzhou event		
Overseas Internship Program	Intern	July 2015 - August 2015
• Participated in training volunteers, managed task assignment at NGO RESALA in Egypt		
• Assisted RESALA in holding a Global Village cultural exchange activity		

Skills And Awards

Language: Chinese (native speaker), English (proficient), German (European B1)
Technical: Python, Pytorch, C/C++, Matlab, Assembly Language, MySQL, Java, Ubuntu, Javascript, Simulink, Embedded System, Multism
Awards: Third Place in the 2015 Zhejiang University English Listening Competition (with 3,000 participants), Winner Team Member in the 2016 Zhejiang University Rugby League