

Guanyu Guo

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EDUCATION

Zhejiang University, College of Computer Science and Technology 2014.09 - 2017.06

Candidate for Master of Computer Science and Technology

- Kwang-Hua Scholarship, Award of Honor for Graduate, Graduate of Merit/Triple A graduate

Chongqing University, College of Computer Science 2010.09 - 2014.06

Bachelor of Computer Science and Technology GPA: 3.66/4.0, Rank 5/165

- National Scholarship, Honorable Prize in Mathematical Contest in Modeling CET6 495

Chongqing University, College of Economics and Business Administration 2011.09 - 2014.06

Double Major in Business Administration

PROFESSIONAL SKILLS

OS: Windows, Linux

CL: C/C++, Java, Python, SQL

Program Software: Eclipse, Visual Studio

Database Software: MySQL, SQLite, SQL Sever

PROJECT EXPERIENCE

Microsoft Asia-Pacific Technology Co.Ltd 2016.06 - 2016.09

Software Engineer Intern

- Written and fixed some test cases for a new feature in Azure Storage garbage collection to verify its functionality.

Android In-App Ads Security Analysis 2015.10 - 2016.08

- Implemented crawler for android app market.
- Automatically run apps and set up proxy to intercept android app's network traffics.
- Analyzed network traffics and developed clients for different ad libs to crawler ad contents.
- Analyzed ads type by static scan the smali code or parse the network request content.

AppShield: A Virtual File System in Enterprise Mobility Management 2014.07 - 2015.06

- System call hooking of android apps.
- Proxy-based data access mechanism.
- Privileged data leakage detection/prevention.

PrivacyShield: A Real-time Privacy Leakage Detection System 2014.01 - 2014.06

- Developed an android app for user to communicate with server and got privacy leakage detection service.
- Set up a web server to wrapped apps to insert leakage detection code.

RESEARCH EXPERIENCE

AppShield: Enabling Multi-entity Access Control Cross Platforms for Mobile App Management

Zhengyang Qu, **Guanyu Guo**, Zhengyue Shao, Vaibhav Rastogi, Yan Chen, Hao Chen, Wangjun Hong, in the Proc. of Conference on Security and Privacy in Communication Networks (SecureComm), 2016.

SOCIAL EXPERIENCE

Zhejiang University Center for Innovation and Entrepreneurship 2015.03 - 2016.03

Student Union of Graduate School of Zhejiang University 2015.03 - 2015.09