Quan Yang Yeo

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
B.Comp. in Computer Science
Expected Dec 2016 | Singapore
Specialisation in Information Security
von Neumann Programme
Dean's List (Multiple Semesters)
Cum. GPA: 4.73 / 5.0

SINGAPORE POLYTECHNIC
Diploma in Infocomm Security Management
Grad. Apr 2011 | Singapore
Cum. GPA: 3.82 / 4.0

COURSES/CERTIFICATIONS
- Red Hat Certified Engineer
- SANS 561 Intense Hands-on Pen Testing Skill Development

LINKS

Github:// quanyang
LinkedIn:// quanyang
Twitter:// @quanyang
CTFtime:// quanyang
CTFtime:// Dystopian Narwhals
CTFtime:// NUS Greyhats

COURSEWORK

UNDERGRADUATE
- Software Engineering on Modern Platforms
- Operating Systems
- Computer Security
- Data Structures and Algorithms
(Teaching Asst)

SKILLS

PROGRAMMING
Experienced:
Java • JavaScript • Python
PHP • Swift
Familiar:
C • Obj-C • Shell
Miscellaneous:
iOS • MySQL • Docker
Git • HTML/CSS

EXPERIENCE

FIREEYE, INC.
Associate Vulnerability Research Intern | December 2015 - January 2016 | Singapore
During my time at FireEye, I mainly worked on a project that would be used to accurately classify exploits to their accurate CVEs. As part of the project, I analyse exploits on known vulnerabilities that are common in the wild, devising and developing classification and detection methods for them. In addition, I also had the chance to rewrite and improve most of the exploits for the vulnerabilities.

CENTRE FOR STRATEGIC INFOCOMM TECHNOLOGIES (CSIT)
Research Intern | May 2015 - August 2015 | Singapore
- Reexamined various implemented security mechanism on the iOS.
- Vulnerability assessment on certain iOS features.

DSO NATIONAL LABORATORIES
Research Intern | December 2010 - July 2011 | Singapore
- Developed a toolkit that allows for easy assessment of Mobile phones' attack surface over messaging services as a medium.

PROJECTS

GRIDDIT.IO | Ruby on Rails, JavaScript, PostgreSQL
Griddit.io is a platform that allows users to create shareable grids with many widgets such as Twitter, YouTube, anonymous live chat and iframes, all in one web view. https://griddit.io

MAHJONGLEH | iOS (Swift), SpriteKit, Game Center
Multiplayer Singaporean Mahjong - a turn-based tabletop tile game modified with Singaporean rules. 4.5 stars rating on the App Store. **App Store**

RELIVE.SPACE | PHP, JavaScript, MySQL
A platform that allows users to relive moments from events. Aggregates data from various social media platforms with a ranking system in-place, providing quality posts to users. https://relive.space/

AWARDS AND HONORS

2016   Most Civic-Minded Hack for Hack&Roll'16
2015   Dean's List Award for Jun 2014, Jan 2015, Jun 2015
2015   1st Place, Singapore Cyber Conquest, GovWare'15
2015   PwC prize for whole leadership
      (Most outstanding second year student in Computing)
2014   1st Place, Zero Day Defence, National Infocomm Security Competition
2014   2nd Place, Singapore Cyber Conquest, GovWare'14

EXTRACURRICULAR ACTIVES

NUS GREYHATS | CAPTURE THE FLAGS | COMPUTER SECURITY
Co-founder and Core Team
I co-founded NUS Greyhats in 2014, and helped to organise and execute many events. I also participate in various online CTFs as part of NUS Greyhats. Also, I write regularly on the NUS Greyhats website, usually on challenges solved during capture the flag events.
nusgreyhats.org/write-ups/