

Quan Yang Yeo

quanyang@u.nus.edu | +65 91397646

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

B.COMP. IN COMPUTER SCIENCE
Expected Dec 2016 | Singapore
 Specialisation in Information Security
 von Neumann Programme
 Dean's List (All Except First Semester)
Cum. GPA: 4.77 / 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](#)

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 • Ruby • Shell

Miscellaneous:

iOS • MySQL • Docker
 Git • HTML/CSS

EXPERIENCE

CENTRE FOR STRATEGIC INFOCOMM TECHNOLOGIES (CSIT)

RESEARCH INTERN | MAY 2015 - AUGUST 2015 | SINGAPORE

- Research and Development project related to iOS Security.
- Reexamined various implemented security mechanism on the iOS.
- Vulnerability assessments on newly introduced iOS features.

DSO NATIONAL LABORATORIES

RESEARCH INTERN | DECEMBER 2010 - JULY 2011 | SINGAPORE

- Research and Development project related to Mobile Security.
- Developed a toolkit that allows for easy assessment of Mobile phones' attack surface over messaging services as a medium.

PROJECTS

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/>**

MIPS SIMULATOR | HTML, JAVASCRIPT

A simulation of a simplified MIPS processor. A self-contained simulator that reads and executes assembly language programs written for MIPS.
<http://quanyang.github.io/MIPS/>

AWARDS AND HONORS

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

INVOLVEMENTS

- | | |
|-------------|--|
| 2014 - | NUS Greyhats co-founder and coreteam member. |
| 2014 - 2015 | Student Mentor, Ridge View Residence, NUS. |
| 2014 - 2015 | Vice project-director, Freshmen Orientation Projects, NUS. |

EXTRACURRICULAR ACTIVITIES

CAPTURE THE FLAG COMPETITIONS | COMPUTER SECURITY

I participate in various events as part of NUS Greyhats. For a listing of the events please see the NUS Greyhats listing on **ctftime.org**.

Also, I blog regularly on the NUS Greyhats website, usually on challenges solved during capture the flag events. **nusgreyhats.org/write-ups/**