Syue Siang **Su**

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"Code is meant to be born to be pretty."

Education

National Chiao Tung University   *Hsinchu, Taiwan*
CANDIDATE FOR MASTER OF COMPUTER SCIENCE   *Expected July. 2016 – June 2018*

National Sun Yat-sen University   *Kaohsiung, Taiwan*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *Sep. 2012 – Jan. 2016*
- GPA: 3.81/4.3
- Honors: Early graduation base on academic excellence. Dean's honor List.
- Teamwork: Collaborated with another teammate in researching web fuzzers' efficiency and effectiveness.

WORK & LEADERSHIP EXPERIENCE

The Declaration of Hacker   *Taipei, Taiwan*
BACKEND WEB DEVELOPER, IT   *Jul. 2015 – Present*
- Develop a wargame platform and introduce Docker as a primary DevOps solution.
- Constructing a wargame platform built on top of Rails framework, and utilizing Docker to provide players environments with fast-starting and isolated features.
- With Rancher's multi-tenant Container-as-a-service solution, Docker-War can really easy to set up, and bringing itself more accessible through Docker API.

Infosec study group   *Kaohsiung, Taiwan*
ORGANIZER   *Jul. 2015 – Present*
- Organized interested individuals to share their workings and studies
- Recruited over 20 members to club with hosting a small CTF contest.
- Organized contests, speaker events and community events.
- Collaborated with Professors to provide them resources.

National Sun Yat-sen University   *Kaohsiung, Taiwan*
FREELANCE PENETRATION TESTER   *Dec. 2013 - Jan. 2015*
- Conducted penetration testing on web pages of university.
- Collected and reported to the staffs.

Extracurricular Activity

HITCON Traning 2016   *Taipei, Taiwan*
LECTURER OF WEB SECURITY BASIC & ADVANCED   *Nov. 28th 2016 - Nov. 30th 2016*
- Lecture concepts of web security.
- Give attendees some hands-on practices and guide them step-by-step.
- The practices were generated by my small project called VWGen (Vulnerable Web Application Generator).

Bamboofox   *Hsinchu, Taiwan*
MEMBER   *June. 2016 - Present*
- Gained expertise in hacking & security areas, especially about web security & internal of operating system based on UNIX and several exploit techniques, such as bof, heap overflow, and etc.
- Participated on several CTF competitions such as Trend CTF, HITCON CTF, and etc.
- Periodically give new members a lecture.

NTU Hackathon *Taipei, Taiwan*

<small>PARTICIPANT</small> *Aug. 2015*
- Built an advanced Google Maps application that shows users not only the routes they specified, but also a series of images along the routes with some modifications of Hyperlapse.js.

Honors & Awards

INTERNATIONAL

2017	**Finalist**, SECCON CTF 2016 Final		*Tokyo, Japan*
2016	**Finalist & HITCON Taiwan Star Award**, HITCON CTF 2016 Final		*Taipei, Taiwan*

DOMESTIC

2016	**Finalist & Third place**, Taiwan IT Security Golden shield Competition Final		*Taipei, Taiwan*
2015	**Finalist**, Taiwan IT Security Golden shield Competition Final		*Taipei, Taiwan*
2014	**4th Place**, F-Secure Taiwan IT Security Competition		*Taipei, Taiwan*

Presentation

SITCON 2016 *Taipei, Taiwan*

<small>PRESENTER FOR <DOCKER-WAR : DOCKER BASED WARGAME PLATFORM></small> *Feb. 2016*
- Introduced a CTF platform build on top of containers, which can give each player an isolated gaming environment.

Writing

Web Security Basic *HITCON Training*

<small>WRITER</small> *Nov. 2016*
- Sum up the vulnerabilities happened to Web Applications in old days.

Web Security Advanced *HITCON Training*

<small>WRITER</small> *Dec. 2016*
- Sum up the vulnerabilities happened to Web Applications in recent years, and propose some new ideas to prevent such attacks as well.

Rails security *Wooyun drops*

<small>WRITER</small> *Mar. 2016*
- Sum up the vulnerabilities happened to Rails in recent years.

National Sun Yat-sen University *Kaohsiung, Taiwan*

<small>UNDERGRADUATE STUDENT REPORTER</small> *Sep. 2014 - Nov. 2015*
- Drafted reports about how to accelerate the speed of fuzzer with even more higher accuracy and lower false positives.