

# Syue Siang Su

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

## Education

### National Chiao Tung University

CANDIDATE FOR MASTER OF COMPUTER SCIENCE

*Hsinchu, Taiwan*

*Expected July. 2016 – June 2018*

### National Sun Yat-sen University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

*Kaohsiung, Taiwan*

*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

BACKEND WEB DEVELOPER, IT

*Taipei, Taiwan*

*Jul. 2015 – Present*

- Study and learning new attacking vectors and try to reproduce some CVEs.
- 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

ORGANIZER

*Kaohsiung, Taiwan*

*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

FREELANCE PENETRATION TESTER

*Kaohsiung, Taiwan*

*Dec. 2013 - Jan. 2015*

- Conducted penetration testing on web pages of university.
- Collected and reported to the staffs.

## Extracurricular Activity

### National Center for Cyber Security Technology

LECTURER OF WEB SECURITY FOUR-DAY WORKSHOP

*Taipei, Taiwan*

*Sep. 22th 2017 - Sep. 25th 2017*

- Lecture concepts and advanced skills of web security.
- Give attendees hands-on practices during the workshop and hold a four-hour competition on the last day.
- The practices were generated by my small project called VWGen (Vulnerable Web Application Generator).

### HITCON Training 2016

LECTURER OF WEB SECURITY BASIC & ADVANCED

*Taipei, Taiwan*

*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

MEMBER

*Hsinchu, Taiwan*

*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

PARTICIPANT

*Taipei, Taiwan*

*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

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## 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

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## Modern Web 2017

*Taipei, Taiwan*

PRESENTER FOR <VUE.JS + ELECTRON, BUILD YOURSELF A BROWSER!>

*Aug. 10th 2017 - Aug. 11th 2017*

- Introduce what's Vue.js and Electron in the first half, and then talk about how to use Vue.js and Electron to build a browser from scratch.

## SITCON 2016

*Taipei, Taiwan*

PRESENTER FOR <DOCKER-WAR : DOCKER BASED WARGAME PLATFORM>

*Feb. 27th 2016*

- Introduced a CTF platform build on top of containers, which can give each player an isolated gaming environment.

# Writing

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## Web Security Basic

*HITCON Training*

WRITER

*Nov. 2016*

- Sum up the vulnerabilities happened to Web Applications in old days.

## Web Security Advanced

*HITCON Training*

WRITER

*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*

WRITER

*Mar. 2016*

- Sum up the vulnerabilities happened to Rails in recent years.

## National Sun Yat-sen University

*Kaohsiung, Taiwan*

UNDERGRADUATE STUDENT REPORTER

*Sep. 2014 - Nov. 2015*

- Drafted reports about how to accelerate the speed of fuzzer with even more higher accuracy and lower false positives.