

# Wei Bo Chen

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## Summary

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Wei Bo Chen is a student who is passionate about security.

Used to be a CTF player until he find himself not good at that.

Although he didn't do well on CTF, he is glad to share knowledge and experience to other people.

He shared his experience about participating in CTF competitions on HITCON Community at 2015.

With strong security background knowledge learned from CTF, he is able to design and build good software.

He built tool called SymGDB - symbolic execution plugin for GDB.

And, his own organization's CTF training platform by Ruby on Rails and Docker.

## Technology Summary

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**Specialized in C/C++, Python, Assembly, Symbolic execution, Binary exploitation**

**Proficient at Reverse engineering, IDA PRO, Ruby on Rails, Django, Docker, GDB**

**Used to working on Linux, Windows, Vim**

## Education

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National Chiao Tung University

- Bachelor's degree, Computer Science (2012 - 2016)

GPA: 3.48/4.3

Vice president and lecturer of Cyber Security Club

- Master's degree, Computer Science (2016 - 2017)

Teaching Assistant: Secure Programming, Software Development Practice

Master thesis: SymGDB

## Experiences

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- Intern, Trend Micro USA (July-August, 2016)

Design a malicious email detection system depends on cuckoo sandbox.

System processes email sample efficiently, 300 emails per hours.

## Projects

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- SymGDB (June 2016 - June 2017)

Url: <https://github.com/SQLab/syngdb>

Symbolic execution plugin for GDB

- Bamboofox CTF training website (June 2017 - present)

Url: <https://bamboofox.cs.nctu.edu.tw/>

CTFd-like platform, provide security tutorials and challenges for people.

## Organizations

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- Bamboofox

Bamboofox is a CTF team of NCTU students/alumni

CTftime: <https://ctftime.org/team/9871>

- NCTU Stunion

Web developer and system administer

- Cyber Security Club

Vice president and lecturer

Website: <https://bamboofox.github.io/>

Facebook: <https://www.facebook.com/NCTUCSC/>

## Honors (selected)

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Speaker of 2017 HITCON Community

Topic: Triton and symbolic execution on GDB

Speaker of 2015 HITCON Community

Topic: CTF For Beginner

10<sup>th</sup> of RCTF 2015 Finals

5<sup>th</sup> of Golden Shield Information Security Contest

10<sup>th</sup> of Trend Micro CTF

1<sup>st</sup> of HoneyMe CTF

18<sup>th</sup> of ASIS CTF Quals 2015

37<sup>th</sup> of DEF CON CTF Qualifier 2015

8<sup>th</sup> of CTCTF

## Interests

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- Anime

Anime is my love, it encourage me to learn Japanese language and culture.

- Music

Piano, guitar. Not good, still learning. I have heard many covers of anime songs. It inspires me to learn music.