

# Che-Wei Lin Resumé

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Site: <http://linton.tw>

## PROFILE

<https://github.com/John-Lin>

Graduate student majoring in Communications Engineering at National Tsing Hua University (NTHU). My current research interests include the SDN/OpenFlow and network security with dynamic malware analysis. I am also interested in open source projects especially using Python!

## EDUCATION

**M.S. Communication Engineering;** National Tsing Hua University

September 2014 - June 2016 (expected)

**B.S. Communication Engineering;** Yuan-Ze University

September 2010 - June 2014

## EXPERIENCE

**NTHU High Speed Network Lab**

Graduate Researcher, July 2014 - Present

- ▶ In Summer 2014 worked to network security research with dynamic malware analysis.

**2014 PyCon APAC**

Staff, January 2014 - May 2014

- ▶ Spent 4 months in the Public relations (PR) team to promote PyCon APAC.

**Smart Network System Institute, Institute for Information Industry**

Intern, January 2014 - June 2014

- ▶ Worked in the software defined networking (SDN) development group. Developed integration for intrusion detection system (IDS) and SDN controller. Prototyped SDN applications. Worked in Python.

## SKILLS

Working experience with **Python** and basic knowledge of **C**

Using version control with **Git** and **Vim** editor

Familiar with **Linux/Mac/Windows** environments and various network communication protocols

## TECNICAL EXPERIENCE

**Open Source Projects Contribution**

**Ryu.** Ryu is a component-based software defined networking framework.

- ▶ Contribute the Snort-Integrate patch in Ryu

**Side Projects**

- ▶ **Malware Sandbox.** An automated procedure activate the malware and recording network traffic in isolation environment.

- **Snort Rule Generator.** An automated analysis malicious network traffic in PCAP files and generate Snort rules. Went online at <http://security.linton.tw/>.

### **OpenStack Private Cloud**

Managed and built up private cloud with OpenStack in multi-node architecture for the project in Lab. Contributed the quick build up scripts on the Github.