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SUMMARY

I keep participating open source related conferences in Taiwan since entered college. I use GitHub almost every day and love to fork, study, modify the source code and send PR. I love to share what I've learned. (e.g., two 50 minutes talks at SITCON in 2014 and 2015.[1]) I am interested in computer security and play CTF competitions as a member of BambooFox team.[2] I am willing to learn new skills to solve problems in daily life and make this world better by programming.

EDUCATION

National Chiao Tung University   **Hsinchu, Taiwan**

Bachelor of Computer Science   September 2011 – June 2015

• **Information and Communication Security Credit Programme**

• **Relevant Coursework**

  ○ Computer System/Network Administration (A+), FOSS and Project Collaboration (A+)

EXPERIENCE

Open House, NCTU   **Hsinchu, Taiwan**

IT team[1-1][3]   September 2012 – May 2014

• Open House is an organization helping companies on recruiting. I joined because I wanted to know the qualificaitons of jobs in different IT companies in Taiwan.

• I was a mentor teaching my team member how to maintain Web, Mail, BBS, FTP servers.

• Wrote new features based on users' demands which improved my communication skill.

• Refactored and modulized the legacy code, let successors focus on writing new features.

Computer Center of Dept. Computer Science, NCTU   **Hsinchu, Taiwan**

Linux team & Web team   August 2013 – July 2015

• Teaching assistant of Computer System/Network Administration courses.

PROJECT

Android Repackaged App Detection System[1-2][4]   August 2013 – January 2015

• Studied the program flow of smali code and compared the similarity of generated data flow graphs.

• Combined several open source projects, studied and modified the source codes.

• To know the obfuscation tricks used by malicious and plagiarized Apps.

HONORS

• 2015 4th place in Taiwan Student Cluster Competition.[5]

• 2013 5th place in Golden Shield Information Security Contest.[6]

SKILLS

Languages: English (TOEIC 840/990, GEPT High-Intermediate), Mandarin

Technical Skills: Python[7], shell scripting, FreeBSD/Arch Linux system administration, C, C++

REFERENCES

1. SITCON (Students' Information Technology Conference) is an annual computer science related conference held by students from different universities in Taiwan. http://sitcon.org
    1. https://speakerdeck.com/m157q/sitcon2014-how-i-learned-to-build-a-website-from-buttom-to-up-in-one-and-a-half-years (Mandarin)
        - Video: https://youtu.be/BvFIX2durPk
    2. https://speakerdeck.com/m157q/sitcon2015-android-repackaged-app-detection-system (Mandarin)
2. BambooFox, A security team consists of NCTU students and alumni, mainly focusing on CTF competitions and security related issues. https://ctftime.org/team/9871
3. Official Websites of Open House, NCTU.
    - https://openhouse.nctu.edu.tw/2013/
    - https://openhouse.nctu.edu.tw/2014/
4. https://github.com/M157q/Android-Repackaged-App-Detection-System
5. http://event.nchc.org.tw/2015/tscc/index.php?CONTENT_ID=25
    - Shortened URL: http://goo.gl/80SZjB
    - Team Name: 幼稚鬼團與他的快樂夥伴
6. http://www.nicst.ey.gov.tw/News_Content4.aspx?n=11EC3BA2351F93AA&sms=4D833E26864BB926&s=4C2DD1B0FA325D80
    - Shortened URL: http://goo.gl/oUfJqK
    - Team Name: 聽說名字太長躲在防火牆
7. Some side projects written in Python 3 by me.
    - https://github.com/M157q/zdict
        - A CLI online dictionary framework.
    - https://github.com/M157q/gettitle
        - A CLI tool to get the title of the webpage.
    - https://github.com/M157q/linkedin2md
        - A CLI tool to export public LinkedIn profile into Markdown format.