Shun-Yi Jheng

m157q.tw@gmail.com | https://blog.m157q.tw | https://www.linkedin.com/in/shunyi

SUMMARY

Keep participating conferences and meetups in Taiwan since entered college.[1] Like to share what I've learned by giving talks in confs or meetups.[2] Keep writing notes after learned or solved something.[3] Was a member of BambooFox team in NCTU: played some CTF competitions and learned some attack and defense concepts and techniques.[4] Now, mainly focus on DevOps skills, improving the performance of web services, writing efficient and readable code and love Python.[5]

EXPERIENCES

Tagtoo   **Taipei, Taiwan**
DevOps & Web services Architect   January 2016 ─ November 2017
- Save 70% cloud platform service fee in 3 months after onsite.
- Speed up testings on Travis CI up to 6 times faster. (90 mins to 15 mins)
- Reorganize the service architecture to make the data flow be unified and more easy to be traced when error happens.
- Fixed the bug of travis-ci/dpl (written in Ruby) to make it able to deploy to Google App Engine again.[6]
- Add an auto deployment process of web-frontend assets to CDN for every active project.
- Improve the process of collecting user tracking data which uses Google App Engine running with MapReduce and saved the data into Google BigQuery up to 33% faster.
- Draw a picture of all web services and let other engineer colleagues know the relations of them.
- Help colleagues (engineer and non-engineer) solving problems and knowing what the other is talking about.
- Tech stacks: Python (Django, Flask, Celery), Container (Docker, Kubernetes), Databases (MySQL, SQLite, Redis), Services (Google Cloud Platform, CloudFlare, Travis CI, GitHub, Trello, Slack), Git.

Computer Center of Dept. Computer Science, NCTU   **Hsinchu, Taiwan**
Linux, Web & PC team   August 2013 ─ July 2015
- Undergraduate teaching assistant of Computer System/Network Administration courses.
- Pratical experiences including: legacy system improvement, database migrations, web development.
- Tech stacks: Linux (Arch, Debian, Gentoo, Ubuntu), FreeBSD, Bash, VMware, Xen, Btrfs, ZFS, PHP (Yii, CodeIgniter), Python, Perl, MySQL, Clonezilla, Hardware Operations.

Open House, NCTU   **Hsinchu, Taiwan**
IT team   September 2012 ─ May 2014
- Improved communication skill by writing code based on the demands of non-engineer colleages.
- Refactored and modulized the legacy code to make successors focus on writing new features.
- Tech stacks: PHP (Yii), Arch Linux, Nginx, Apache, QEMU, ZFS, MySQL, mdadm, crontab, Git.

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+)

PROJECTS

Android Repackaged App Detection System[7]   August 2013 ─ January 2015
- Program slicing, subgraph isomorphism, obfuscation tricks and Android app reversing.
- Tech stacks: Python (NetworkX, Scrapy), JavaScript (Node.js, D3.js), Perl, Java (SAAF), smali, Git.

HONORS

- 2015 4th place in Taiwan Student Cluster Competition.[8]
- 2013 5th place in Golden Shield Information Security Contest.[9]

SKILLS

Languages: English (TOEIC 840/990 in 2011, GEPT High-Intermediate prelim in 2011), Mandarin

REFERENCES

1. https://blog.m157q.tw/category/confmeetup/
2. https://blog.m157q.tw/category/talk/
3. https://blog.m157q.tw/category/note/
4. BambooFox
   - https://ctftime.org/team/9871
   - A security team consists of NCTU students and alumni, mainly focusing on CTF competitions and security related issues.
5. Some of my side projects written in Python:
   - https://github.com/M157q/zdict
      - A cross-platform CLI tool to query online dictionaries with Docker and syntax highlighting support.
   - https://github.com/M157q/gettitle
      - A CLI tool to get the title of the webpage with JavaScript support by using Selenium.
   - https://github.com/M157q/hor2vec
      - A CLI tool to change your horizontal pure text to vertical with some options.
6. https://github.com/travis-ci/dpl/pulls?utf8=%E2%9C%93&q=is%3Apr+is%3Aclose+author%3AM157q
   - Shortened URL: https://goo.gl/Gzz6m2
7. https://github.com/M157q/Android-Repackaged-App-Detection-System
   - Slides: https://speakerdeck.com/m157q/sitcon2015-android-repackaged-app-detection-system
8. 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
9. http://www.nicst.ey.gov.tw/News_Content4.aspx?n=11EC3BA2351F93AA&sms=4D833E26864BB926&s=4C2DD1B0FA325D80
   - Shortened URL: http://goo.gl/oUfJqK
   - Team Name: 聽説名字太長躲在防火牆