

Shun-Yi Jheng

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SUMMARY

Keep participating conferences and meetups in Taiwan since college.^[1] Love to share experiences and insights I've learned during troubleshooting on my blog or giving tech talks in confs and meetups.^{[2][3]} Was a member of team BambooFox at NCTU, participated in several CTF competitions and other info-sec events.^[4] Currently focus on DevOps and web service performance optimizations with intensive Python tooling and technologies, such as Django, Flask, Celery.^[5]

EXPERIENCES

Tagtoo	Taipei, Taiwan
Service Architect & DevOps	January 2016 — November 2017
<ul style="list-style-type: none">• Save 70% cloud platform service expense in 3 months after joined the company.• Speed up Travis CI testings by 6x (overall time).• Reorganize inbound traffic data flow for easier tracing on troubleshooting (integrated with Stackdriver monitoring tools).• Refine user tracking data collection (~12M pageviews per day) with MapReduce on Google App Engine and boost backend performance up to 33% faster.• Contribute to Travis-CI's Google App Engine continuous deployment pipeline (written in Ruby).^[6]• Enable automatic web frontend static assets deployment on CDNs.• Redesign service architectures with RESTful API microservices on Docker/Kubernetes to avoid single point of failure and provide high availability.• Create whole-site documentations of interconnections between individual components in a high-level perspective.• Collaborate with peers (engineers and non-engineers) on communications to help them be mutually intelligible to each others.• Tech stacks: Python (Django, Flask, Celery), Containers (Docker, Kubernetes), Databases (MySQL, SQLite, Redis), Cloud Services/Platforms (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
<ul style="list-style-type: none">• Undergraduate teaching assistant of Computer System/Network Administration courses.• Practical experiences: legacy system improvement, database administration, web development.• Tech stacks: Linux (Arch, Debian, Gentoo, Ubuntu), FreeBSD, Bash, Virtualization (VMware ESXi, Xen), software RAID storage systems (Btrfs, ZFS, mdadm), PHP (Yii, CodeIgniter), Python, Perl, MySQL, Clonezilla, Hardware Operations.	

Open House, NCTU	Hsinchu, Taiwan
IT team	September 2012 — May 2014
<ul style="list-style-type: none">• Refactor and modularize the legacy code to be more maintainable.• 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
<ul style="list-style-type: none">• Information and Communication Security Credit Programme	

- **Relevant Courseworks**

- 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]

LANGUAGE SKILLS

English (TOEIC 840/990 in 2011, GEPT High-Intermediate prelin 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: 聽說名字太長躲在防火牆