



Jia-An Tsai

Full Stack Web Developer/SDN Engineer/Open Source Advocate



Experience

2019-02 - present

Full Stack Web Developer

NCTU WakeUp Bar

<https://www.wakeupbar.org>

- Use **Python Django** for backend, pure **CSS** for front-end

2018-10 - 2018-12

Full Stack Web Developer

NCTU Office of Research and Development

<https://flaps.nctu.edu.tw>

- Use **PHP flight** for backend, **AngularJS**, **bulma** for frontend

2015-09 - 2017-06

Full Stack Web Developer

NCTU badminton

<https://badminton.nctu.edu.tw>

- Using **PHP**, **MySQL** for backend, pure **HTML5**, **Bootstrap 3**, **jQuery** for front-end



Main Projects

2016-10 - present

Massive Open Source Project - CDNJS

Maintainer on cdnjs.com

- CDNJS is the fastest growing JavaScript content delivery network (CDN) and **second only to Google CDN, used by 34.0% of all the websites.**
- **Team Cooperation** with 5-people team **by Git** on GitHub
- Advocate open source related topics by holding
- **Give lectures of Node.js, Git, Express.js, etc.**

2018-09 - present

In-band Network Telemetry project

Core member in Network and System Laboratory, NCTU

- Is a **SDN-related** project from MOE
- **Write P4 and Python programs** to specify how a switch processes packets
- Team cooperation with lab members **by Git** on Gitlab



Education

2017-08 - 2019-08

Master of Network Engineering

- Have GPA 3.71/4.3 In National Chiao Tung Univerty, Taiwan

2017-01 - 2017-05

Exchange Program of Computer Science

- In Chalmers University of Technology, Sweden. *QS ranking is 128*

2012-09 - 2017-06

Bachelor of Computer Science

- Had GPA 3.83/4.3 in National Chiao Tung Univerty, Taiwan



Extracurricular Activities

2017

DigitalOcean Hsinchu **Event Organizer**

2017 - present

COSCUP Attendee

2017 - present

Hacktoberfest Attendee

2014

Student Camps **Team Leader**



Personal Info

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E-mail

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GitHub

github.com/extend1994

WWW

tallybelly.nctu.me

LinkedIn

linkedin.com/in/tsaijiaan



Hard Skills

Linux/Unix



Used OS on every PC

SDN & TCP/IP



Master's major

Git



Apply on every project

JavaScript



Node.js, es6, VueJS, etc.

CSS/SASS/SCSS



No problem on basics

Python



Data Analysis/Django/Web crawl

Docker/K8s



Safe/Fast build apps

Apache/Nginx



Experienced on both

PHP



Build websites

SQL/NoSQL



Familiar with both



Languages

Mandarin - **Native**



English - **TOEIC 770 (2012)**

