

JUSTIN LIU

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I am a **full-stack web developer and system administrator with 5 years industry and 3 years contract**, specializing in scalable cloud architectures for web application and network maintenance, aiming to become a true software engineer and loves coding a lot. While my work focuses on web engineering, mostly building SPA with front-end framework like Angular, and building RESTful api with back-end framework such as Django or Tornado. For my part-time IT task, I build and maintenance network and various IT service for my company. My non-work interest ranges widely. By spending free time learning other computer science related subjects such as network security and algorithms, my interest into computer just keeps deepening. Building small tools which makes my life easier is also something I love to do on the weekend. I am a Taiwanese and looking for engineer positions in Taiwan.

</> SKILLS

IT Service (Proficient)	Bind 9, Squid 3, Samba, Nginx, OpenLDAP, FreeRadius, Docker, VPN
HA and Load Balance (Basic)	DRDB, Percona DB Cluster, MongoDB Cluster, Virtual IP, Nginx Reverse Proxy
Network (Proficient)	Nmap, Shorewall, tshark, iptables, mtr, dig
Web (Back-end) (Intermediate)	Django, Tornado, RabbitMQ, Node.js, PHP, RESTful, HTTP Protocol
Web (Front-end) (Basic)	AngularJS, Angular, React, jQuery, Bootstrap
Database (Basic)	MySQL, MongoDB, Redis
Configuration Management (Basic)	Puppet
CI / CD (Proficient)	Jenkins, Drone

EMPLOYMENT

Seinor Engineer, IIoT Solution Dept., MOXA Inc. 2018-02 — 2018-06

Design and implement CI/CD flow for IIoT Product and maintain web backend project.

- **Design and Implement CI/CD flow for IIoT Product** - Tools: Drone, Docker, GNU Make
- **Maintain Web Backend Project of IIoT Product** - Tools: Flask, Nginx, gunicorn

Principal Engineer, CCP Dept., Openfind Information Technology, Inc. 2017-09 — 2018-01

- **EFSS Product Web Development** - [ArkEase Pro](#) - Tools: MariaDB, PHP, Django, AngularJS
- **Web Stickers** - [Sticker](#) - Tools: Chrome Extension, AngularJS

Software Engineer, EFSS Dept., Hope Bay Technologies, Inc. 2013-06 — 2017-09

Hope Bay Technologies, Inc. is a startup company since June 2013 owned by [Dr. Ben Jai](#), I involve with building, maintaining network, building various IT service for company, and join many commercial products development.

• Information Systems and Technology

- **Built and Maintenance of Network** - 100+ users - Tools: Linux, iptables, VLAN, VPN, netdata, ELK Stack
- **Built and Maintenance of Cache Service** - Transparent proxy and **various** mirror site: apt, pypi, npm, docker hub
- **Built and Maintenance of IT Service** - Service: DNS, LDAP, GitLab, DB Cluster, FreeRadius

• Web developer

- **Phone Recording System** - 900+ users - [EVI.TW](#) - Tools: AWS, MongoDB, web.py, Knockout.js
- **IP-PBX Recording System** - [ArkVoice](#) - Tools: MongoDB, web.py, Knockout.js, RabbitMQ
- **Tera Phone File Manager** - [Tera.Mobi](#) - Tools: MongoDB, Tornado, React.js, RabbitMQ
- **EFSS Product Web Development** - [ArkEase Pro](#) - Tools: MariaDB, PHP, Django, AngularJS

Seinor Engineer, CTBU, Delta Electronics 2012-06 — 2013-06

I am a web application developer for data center physical machine management product.

- **Data Center Machine Manager Development** - Tools: Django, Twitter Bootstrap, jQuery
- **File Storage Product Development** - Tools: PHP, Ext.js

EDUCATION

Master, Graduate Institute of Electronics Engineering, National Taiwan University 2010-09 — 2012-06

Bachelor, Department of EE, National Taiwan University of Science and Technology 2006-09 — 2010-06

WRITING

[Justin Tech Share Blog](#), Justin Liu 2017

[An OAuth-based Single Sign-On System for Mobile Applications](#), Justin Liu 2012

AWARDS

Mobile Application Excellent work, Mobile Hero 2009