

Wei-Chien Hsu

I'm a sophomore studying computer science in National Taiwan University.

I have great passion for software technologies. I do not limit myself to pursuing academic achievement; instead, I enjoy learning actively and implementing what I just learned. It really intrigues me a lot to solve challenging problems!

I have learned Django and web hosting on my own during term time, and deployed a website that allows users to download files after register and login. I also created a blog using hugo to post some thoughts. To automate the deployment, I set up a gitlab server to save my repositories and create CI/CD pipelines as well.

I consider myself as a fast learner, and my working experience has fully shown my initiative!



Software Engineer

Taipei · Taiwan

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Skills

DevOps

- CI/CD Pipelines (on the Django project)
 - gitlab
 - drone
 - aws
- Containerized applications
 - Docker & docker-compose
 - docker-in-docker
- Monitoring
 - Prometheus
 - Grafana

Cloud Service

- Azure
 - Virtual Machine
- aws
 - lambda
 - ec2
 - SES
 - S3
 - CI/CD pipelines

Linux / Web Hosting

- Shell script
- DNS / Reverse DNS
- Mail server
- VPN
- LVM
- Reverse Proxy
- nginx / apache

Golang

- About 3 months experience
- LeetCode-helper
 - A leetcode crawler that helps me build README.md and creates problems' files.
- Drone CI's plugin for monorepo (not finished)
- TBD

Python

- About 1 year experience
- Django
- SIS-importer
 - dump data from MSSQL and import it to PostgreSQL
 - use Canva's API to import students' data
- Pygame (cooperate with teammates)
- Machine Learning

C/C++

- About 1.5 years experience
- familiar with STL
- Lots of experience using C/C++ to solve algorithm problems

Work Experience

DevOps Intern @ Cathay Financial Holdings, 2019 Nov - 2020 Jun (est.)

I'm asked to dig into devops for the company. I have got achievements in drone CI, web-alert, and aws services. All the work results are available on [my github](#).

Developer & DevOps Intern @ NTU Cool, 2019 Jul - Present

Cool is an organization affiliated with NTU, whose goal is to deliver a digital teaching platform for the school's teachers and students.

I was asked to develop a program to dump data from MSSQL and import it to PostgreSQL, and it's used to import data via the platform's API as well.

I finished it within only half of the time my supervisor estimated.

Then instead of letting time slip away, I initiatively got myself another job : cooperate with the other intern to deploy the test environment automatically in merely one line command, with ansible and docker.

After summer, I currently work on gitlab CI/CD pipelines for the platform.

All the work results are available on [my github](#).

Education

Department of Computer Science & Information Engineering @ National Taiwan University, 2018 Sep - Present

I have taken programming, data structures & algorithms, network & system administration, and so on.

The Affiliated Senior High School of National Taiwan Normal University, 2015 Sep - 2018 Jun