Yung-Hung Hunag

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EXPERIENCE

Coding Jan. 2021 – Present

Python (programming language)

- basic syntax
- Selenium
- Pandas

JavaScript/HTML/CSS (programming language)

- basic syntax
- Bootstrap
- node.js

Cloud Computing Jan. 2021 – Present

Operation

- Amazon Web Services(AWS)
- Alibaba Cloud
- Google Cloud Platform(GCP)
- Gitlab runner CI/CD pipelines

Kubernetes Jan. 2022 – Present

Admin

- Basic **Cluster** Control and Reading values
- **Troubleshooting** k8s Clusters

PROJECTS

Dragon

- Building a system based on distributed model with multi k8s Clusters which provides **streaming services**
- Based on an open source project: **SRS(Simple Realtime Server)**

Web-crawler

- Building a system based on a simple Client-server model based on **Python frameworks(Selenium/Pandas/undetected-chromedriver...)** and **Relational Databases(MariaDB)** which scraping data from our target web servers

IndoorAirBox

- Building a system based on a simple Client-server model which monitors **air-quality, temperature and humidity**

EDUCATION

National Dong Hwa University Sep. 2016 – Jan. 2019

Master of Science in Materials Science and Engineering Shoufeng, Hualien

- **Thesis**: Ultrafast Pump-probe Transient Absorption Spectroscopy of Layer-controllable Molybdenum Disulfide Films
- **Research**: Semiconductor Materials

National Dong Hwa University Sep. 2012 – Jun. 2016

Bachelor of Science in Materials Science and Engineering Shoufeng, Hualien

- Program of Advanced Materials

SKILLS

Languages : C, Python, JavaScript/HTML/CSS, PHP, SQL(MariaDB, MySQL, MongoDB)

Tools : ChatGPT, Docker, Kubernetes, Nginx, Git, Bash, Vim, VS Code, GitHub, GitLab, GitLab Runner, LaTeX