

Wen Chih Lo

SOFTWARE ENGINEER

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Summary

Current Cloud Software Engineer at Chunghwa Telecom and Committer at Apache Software Foundation. Have 3+ years experience specializing in web development and open-source technology. I love learning something new and keen on contributing to open-source softwares. Interested in Big Data, Distributed Systems, Machine Learning and MLOps. Right now, I am learning about Java, Go, Spark and Kubernetes ecosystem.

Education

National Cheng Kung University

M.S. IN COMPUTER SCIENCE AND INFORMATION ENGINEERING

- Distributed System Lab, Thesis advisor: Prof. Hung-Chang Hsiao, GPA: 4.12/4.3

Tainan, Taiwan

Sept. 2019 - Aug. 2021

Tamkang University

B.S. IN COMPUTER SCIENCE AND INFORMATION ENGINEERING

- Senior project: A trip planning APP, Advisor: Prof. Chien-Chang Chen

New Taipei, Taiwan

Sept. 2012 - Jun. 2016

Work Experience

Chunghwa Telecom Co., Ltd.

CLOUD SOFTWARE ENGINEER

- Designing several reusable RESTful APIs integrated with Google APIs in Golang.
- Developing a web application(IDC CMS) using Java, Hibernate and Microsoft SQL server.

Taipei, Taiwan

Sept. 2021 - Present

Apache Software Foundation, Submarine

COMMITTER

- Enabled Submarine to run distributed MXNet jobs on Hadoop YARN.
- Integrated Jupyter notebook into Submarine allows users to manage notebook instances via Submarine Notebook RESTful APIs.
- Deployed Traefik ingress controller on Submarine K8s cluster to manage external access to the services.

Taipei, Taiwan

Oct. 2020 - Present

Shop123 Network Technology Inc.

SOFTWARE ENGINEER

- Worked at the engineering team.
- Developed an online store platform called "Anzoo" using Yii PHP framework, Vanilla JS and jQuery.
- Designed database schema (MariaDB) and RESTful APIs.

Taipei, Taiwan

Jun. 2018 - Oct. 2018

SunFun Info Co., Ltd.

WEB DEVELOPER

- Worked at the web development team.
- Developed a matchmaking web application called "Party Party" using PHP, Vanilla JS, jQuery, AJAX and Bootstrap.
- Migrated codebase from Yii PHP framework to pure PHP.
- Migrated data from PostgreSQL to MySQL.
- Used E.SUN BANK cash management service (e-Collection) to receive payments.

Taipei, Taiwan

Jul. 2016 - May. 2018

Presentation

Conference for Open Source Coders, Users and Promoters, COSCUP

PRESENTER FOR <INTRODUCTION TO APACHE SUBMARINE>

- Introduced to MLOps and the difference between DevOps.
- Introduced to Apache Submarine which is a cloud-native Machine Learning platform makes data scientists focus on models and run ML workloads easily in distributed environment.

Online

Aug. 2021