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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, cloud computing and open-source technology. I love learning something new and keen on contributing to open-source softwares. Interested in Big Data, Cloud Computing, Distributed Systems, Machine Learning and MLOps.

Education

National Cheng Kung University *Tainan, Taiwan*
M.S. IN COMPUTER SCIENCE AND INFOMATION ENGINEERING *Sept. 2019 - Aug. 2021*

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

Tamkung University *New Taipei, Taiwan*
B.S. IN COMPUTER SCIENCE AND INFOMATION ENGINEERING *Sept. 2012 - Jun. 2016*

- Senior project: A trip planning, recording APP based on Android, Advisor: Prof. Chien-Chang Chen

Work Experience

Chunghwa Telecom Co., Ltd. *Taipei, Taiwan*
CLOUD SOFTWARE ENGINEER *Sept. 2021 - Present*

- Design several reusable RESTful APIs integrated with Google client API in Golang
- Developed an module in IDC CMS using JSP, Java Spring, Hibernate, Microsoft SQL server

Apache Software Foundation, Submarine *Taipei, Taiwan*
COMMITTER *Oct. 2020 - Present*

- Enabling Submarine to run distributed MXNet jobs on Hadoop YARN
- Integrating Jupyter notebook into Submarine allows users to manage notebook instances via Submarine Notebook UI / RESTful APIs.
- Deploying Traefik ingress controller onto Submarine K8s cluster to manage external access to the services in a cluster.

Shop123 Network Technology Inc. *Taipei, Taiwan*
SOFTWARE ENGINEER *Jun. 2018 - Oct. 2018*

- Worked at the engineering team and developed an online store platform called "Anzoo"
- Developed an online store platform in PHP (yii framwork)
- Designed database schema (MariaDB) and RESTful APIs
- Focused on back-end technologies

SunFun Info Co., Ltd. *Taipei, Taiwan*
WEB DEVELOPER *Jul. 2016 - May. 2018*

- Worked at the web development team and developed a matchmaking web application called "Party Party"
- Collaborated with project manager and web designer to develop website using 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

Presentation

Conference for Open Source Coders, Users and Promoters, COSCUP *Online*
PRESENTER FOR <INTRODUCTION TO APACHE SUBMARINE> *Aug. 2021*

- Introduced to MLOps and the difference between DevOps
- Introduced to Apache Submarine which is a cloud-native Machine Learning platform allows data scientists to run Machine Learning and Deep Learning workloads in distributed environment.