CHING-YUN YU

Cloud Infrastructure | Liquid Cooling | Software Development

✉ peteryu54089@gmail.com   ✆ 281-302-8125   📍 Fremont, CA   🌐 chingyunyu.github.io

EXPERIENCE

System Engineer
AMAX Engineering

📅 Jul 2024 – Ongoing   📍 Fremont, CA

- Developed automation scripts to streamline repetitive tasks
- Conducted system functionality verification tests on rack-scale liquid cooling solutions

QA Test Contractor
Pentium Network

📅 Jul 2020 – Nov 2020   📍 Taipei, TW

- Designed and executed comprehensive test cases and test scenarios
- Configured cloud resources such as DNS, CDN, and instances on various cloud platforms

Backend Engineer
Chairsla Technology

📅 Jul 2019 – Jan 2020   📍 Taipei, TW

- Performed application deployment and database restoration on AWS
- Built backend services for chatbots, focusing on usability and scalability

Software Intern
Galaxy Software Services

📅 Jul 2018 – Jun 2019   📍 Taipei, TW

- Participated in full-stack development efforts to build a CRM system
- Worked in a Scrum environment that included task planning, daily standups, code reviews, and unit testing

PUBLICATIONS

📄 Journal Articles

- **C.-Y. Yu** *et al.*, "Predicting quantity of cannabis smoked in daily life: An exploratory study using machine learning," *Drug and Alcohol Dependence*, vol. 252, p. 110 964, Nov. 2023. DOI: 10.1016/j.drugalcdep.2023.110964.

👥 Conference Papers

- **C.-Y. Yu** *et al.*, "Developing an augmented reality-based interactive learning system with real-time location and motion tracking," in *International Conference on HCI*, Jun. 2023, pp. 227–238. DOI: 10.1007/978-3-031-34550-0_16.
- **C.-Y. Yu**, Y. Shang, and T. J. Trull, "Reproducible workflows for exploring and modeling ema data," in *IEEE 8th International Conference on Collaboration and Internet Computing (CIC)*, Dec. 2022, pp. 117–124. DOI: 10.1109/cic56439.2022.00026.

EDUCATION

M.S. in Computer Science
University of Missouri—Columbia

📅 Jan 2022 – May 2024

B.S. in Computer Science & Information Engineering
National Taipei University of Technology

📅 Sep 2016 – Jun 2020

CERTIFICATIONS

🏆 **LPI Linux Essentials**
lpi.org/v/LPI000614810/rw3lwkuymh

SKILLS

Python C# C++ Java Shell Script
HTML CSS JavaScript Unity

MySQL SQLite PostgreSQL Db2
MongoDB Firebase Neo4j Redis

AWS GCP Azure Nutanix NS1
VMware GoDaddy CloudFlare

Git Bitbucket TortoiseSVN Jira
Trello Docker Jenkins Hadoop

.NET Node.js Robot Framework

LANGUAGES

Mandarin ●●●●●
English   ●●●●○
Korean   ●○○○○

REFEREES

Prof. Jong-Yih Kuo
@ National Taipei University of Technology
✉ jykuo@ntut.edu.tw
Room 1532, Technology Building
No. 1, Sec. 3, Zhongxiao E. Rd., Taipei, TW