

# CHING-YUN YU

Cloud Infrastructure | Liquid Cooling | Software Development

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## 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](https://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

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