Yong Cyun Huang

Software Engineer, SQA Engineer

Motivated software engineer with experience in full-stack development, software testing, and cybersecurity. Skilled in Python, Vue.js, Flask, and DevOps pipelines. Proven ability to develop impactful tools like a university dormitory booking system with 12,000+ users. Actively involved in tech communities and passionate about creating solutions that improve user experience and solve real-world problems.

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WORK EXPERIENCE

Software Engineer, SQA Engineer
HP Inc.

03/2024 - Present   *Taipei City, Taiwan*

Achievements/Tasks

- Created manual test scripts to verify key features
- Identified bugs through code reading and testing
- Set up basic automated tests to speed up QA process

Software Testing Intern
HP Inc.

07/2022 - 07/2023   *Taipei City, Taiwan*

Achievements/Tasks

- Reduced repetitive work by using simple scripts to solve problems
- Identified root causes of issues through code reading and testing
- Learned how to automate web testing using scripts and tools

UI/UX Research Intern
Public Digital Innovation Space, Executive Yuan, R.O.C. (Taiwan)

07/2021 - 08/2021   *Remote & Taipei City, Taiwan*

Achievements/Tasks

- Learned user interview techniques to gather insights effectively
- Practiced UI/UX design and suggested improvements for better user experience
- Created interactive prototypes to test and visualize design ideas

EDUCATION

Bachelor of Science in Computer Science and Information Engineering
National Taipei University

07/2019 - 07/2023   *New Taipei City, Taiwan*

Achievements/Tasks

- Dormitory Booking System – Reduced manual processing time from 5 to 1 minute, adopted by 12k users with 124k pageviews.
- NTPU Notifications Bot – Developed a Telegram bot to automatically crawl and push school announcements and earthquake alerts.

SKILLS

Python · Bash · Git · Docker

Penetration Testing · UI/UX Research

Usability Testing · Arduino · IoT · Testing

PERSONAL PROJECTS

NTU ArtFest 29th Easter Egg (03/2024 - 05/2024) ⊡

- Developed an interactive personality quiz website for NTU Art Festival using Vue.js and Google Apps Script, implementing a custom algorithm to calculate users' MBTI types and creating engaging animations to enhance user experience.
- Attracted 2,386 active users from over 10 countries with more than 15,000 tracked interactions during the festival period.

Volunteer Website UI/UX Improvement — Department of Social Welfare, Taoyuan City (07/2021 - 08/2021) ⊡

- Designed and developed a UI/UX prototype for the Department of Social Welfare, Taoyuan City Government volunteer website during internship, based on comprehensive usability research.
- Provided actionable recommendations that improved site navigation, accessibility, and overall user engagement, supporting volunteer recruitment and management efforts.

ACHIEVEMENTS

NTPU Dormitory Reservation System (09/2021 - 08/2022) ⊡

Developed a COVID-safe dorm reservation system with Vue.js, Flask, and SQLite, cutting check-in/out time from 5 minutes to under 1. Launched 5 times, serving 12,000+ users and 124,000+ page views, improving safety and efficiency.

LANGUAGES

English
Professional Working Proficiency

Traditional Chinese
Native or Bilingual Proficiency

INTERESTS

Traveling · Photography · Technology

Open source contribution · IoT