

JESS, YAN TUNG LAM

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SUMMARY

MSc Computing graduate with hands-on experience in software development and testing. Proficient in Python and JavaScript, with experience developing full-stack applications, including a containerised app store and REST API energy tariff tracking widget. Passionate about developing scalable, user-friendly applications and eager to contribute to a dynamic engineering team. No visa sponsorship is required.

EDUCATION

Cardiff University, MSc Computing with Placement (Distinction) 2022-2024

Related modules: Software Engineering, Distributed and Cloud Computing

The Chinese University of Hong Kong, Bachelor of Social Science 2017-2021

Major in Sociology, Minor in Journalism and Communication

Hong Kong Diploma of Secondary Education 2017

CERTIFICATION

Microsoft Certified: Azure Fundamentals May 2023

- ◆ Demonstrates foundational knowledge of cloud concepts, core Azure services, and security features.

SKILLS

Programming: Python, JavaScript, Flask, React.js, Bash, SQL

QA & Testing: Robot Framework (Selenium WebDriver), Playwright, Postman, Neoload, API Testing

Tools & Methodologies: Git, Docker, AWS, Agile/Scrum Methodologies, Jira

WORKING EXPERIENCE

Software Tester Placement, IDBS Aug 2023-July 2024

- ◆ Designed and implemented automated test scripts in Robot Framework to ensure product quality.
- ◆ Built and maintained AWS test environments (EC2, CloudFormation), optimising infrastructure for scalable deployments.
- ◆ Monitored CI/CD pipelines (GitHub, Jenkins) to ensure smooth integration and deployment workflows.
- ◆ Collaborated with developers to debug and enhance system functionality, analysing logs and writing test cases to ensure robust API performance.
- ◆ Contributed to Agile development cycles, participating in sprint planning and code reviews to enhance software quality.

PROJECTS & ACTIVITIES

CamTrap Hub – MSc Dissertation Project ([GitLab](#))

- ◆ Built a centralised platform for 9 camera trap data processing and management software, enabling seamless software initiation with containerisation using Docker and GitLab Container Registry.
- ◆ Utilised ReactJS as frontend framework and Flask as backend API server.

Octopus Energy Tariff Tracking IOS Widget ([GitHub](#))

- ◆ Created an IOS widget for tracking and displaying electricity data built with JavaScript and Scriptable.
- ◆ Retrieve real-time electricity tariff and historical consumptions using REST API.

Hack The Diff 2023, CU CyberSoc (Partnered with BAE and Mind Neath Port Talbot)

- ◆ Awarded 'Best Innovative Group' for designing an integrated donation platform, streamlining donation processes during a 2-day hackathon.
- ◆ Made a pitch and demonstrated our solution to deliver our ideas to the judges.