Dongshen Wang

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SUMMARY

Computer engineering graduate with industry experience in web development and testing. Strong passion for learning and self-improvement.

- Programming languages: C, Python, Java, C#, Swift, TypeScript
- Tools: Angular, XCode, Ubuntu CLI, Docker, Git, SwiftUI, Android Studio

EXPERIENCE

Transport Canada   Ottawa, ON

RPA developer   *May 2022 – March 2023*

- Collaborated in client meetings to collect workflow requirements and propose automated processes to help improve workflow efficiency.
- Developed a UiPath bot that can upload scanned files through an online portal. Successfully uploaded more than 4000 files and reduced 133 hours of repetitive manual tasks.
- Demonstrated an automated process's functionality and presented its business value during the department's monthly tech day.

Mitel Networks Corporation   Ottawa, ON

E2E Automation Tester   *Sept. 2021 – Dec. 2021*

- Built end-to-end test case with Protractor automation framework to ensure the PBX API phone dial feature's function correctness and robustness.
- Ran automation testing with AWS to reduce wait time and used the Cloudwatch to capture test results.

Morgan Stanley   Montreal, QC

Full Stack Developer   *Jan. 2021 – Apr. 2021*

- Created ETL dashboard element for web API to record task status and notify developers when errors occur.
- Worked with Kanban and Jira to follow the Agile development cycle and ticket tracking.

PROJECTS

Scrum meeting iOS app with Visual time management   *April 2023 – May 2023*

- Programmed an app to make scrum meetings short and focused by using visual cues to indicate meeting duration and time left for current the speaker.
- Created the app's front-end UI, four main scenes and other sub-views, using the SwiftUI framework. Familiarized with the framework's view and navigation's hierarchy.
- Worked with property wrappers, concurrency, and JSON to store persist data.

Intelligent distribution panel simulation   *September 2022 – November 2022*

- Led a group of 6 in a project-based course as scrum master, managed weekly scrums, unit and integration test following test procedures and sprint documents provided by the professor.
- Developed and tested relay timer and continuous data analysis and acquisition module using C and Sitara MCU SDK. Achieved final project grade of 94/100.

EDUCATION

University of Ottawa   Third- and fourth-year GPA: 3.7/4

Bachelor of Applied Science – Computer Engineering   Graduation date: January 2023

- 2020 & 2022 Dean's list honours student
- Related Courses: Higher Layer Network Protocol, Data structure and algorithm, Digital System, Computer System Design, Operating System, Software Construction, Computer Architecture