Vivian **Yao**

DEVELOPER

(+1) 416-912-8368 | vyao3130@gmail.com | vyao3130 | vyao3130

Education

Queen's University   *Kingston, Ontario*

BACHELOR OF COMPUTING (HONOURS), SPECIALIZATION IN SOFTWARE DEVELOPMENT   *Sept. 2018 - May 2023*

Work Experience

Receptionist and IT Support   *Toronto, Ontario*

UNIVERSITY PLUMBING   *Oct 2023 - Current*

- Implemented Python scripts to streamline operational efficiencies, demonstrating software development experience and a proactive approach to problem-solving.
- Handled IT support tasks, including troubleshooting computer and printer issues and managing internal software, reflecting a hands-on approach to technical support and preventative maintenance.
- Improved administrative efficiency through meticulous data management in payroll processing, showcasing an attention to detail.

Teaching Assistant   *Kingston, Ontario*

QUEEN'S UNIVERSITY   *Sept 2022 - Jan 2023*

- Aided in the design and delivery of courseware for a Software Methodologies course, facilitating understanding of complex software development concepts.
- Assessed technical assignments, demonstrating an ability to understand and evaluate software development projects.
- Supported students with software development topics, showing a capacity to communicate technical information effectively to non-technical stakeholders.

Test Automation Engineer   *Ottawa, Ontario*

ERICSSON   *Sept 2021 - Sept 2022*

- Designed, implemented, and deployed an advanced suite of internal tools to enhance data visualization and analysis for automated tests, reflecting skills in developing and delivering custom applications.
- Utilized Python, Bash scripting, and JSON within a Linux environment for data manipulation, showcasing proficiency in performing hands-on fixes, software installations, and system configurations.
- Created testing protocols using pytest and Selenium, supporting the testing of new and existing software applications.
- Led the development of comprehensive documentation for projects, ensuring clarity and usability for technical support and associated documentation.
- Integrated CI/CD processes with Jenkins and Git, enhancing project efficiency and demonstrating an understanding of IT operations and troubleshooting diagnostics.

Projects

Plant Germination Calendar (In Progress)

HTTPS://GITHUB.COM/VYAO3130/PLANT_CALENDAR   *Started Feb 2024*

- Developing an interactive web application using Next.js, React, TypeScript, and Tailwind CSS, designed to inform users about the optimal times to start germinating various plants.
- Incorporates a user-friendly interface allowing users to select their region and preferred plant species, providing customized planting calendars based on local climate conditions.
- Focuses on clean code practices and component-based architecture, leveraging the power of TypeScript for type safety and easier maintenance.

Skills

Languages: Python, Java, C/C++, Javascript, Bash
Tools: Selenium, Flask, SQLite
CI/CD: Git, Gerrit, Jenkins