Yahya Thai

Kitchener, ON | 519-804-3268 | thai7150@mylaurier.ca | linkedin.com/in/yahya-thai | github.com/yahya14

SKILLS

Languages: Java, Python, C, C++, C#, Dart, SQL, VBA for Excel, ARM Assembly
Web & Design: HTML, CSS, JavaScript, React.js, JSON, XML
Tools: Git, Jira, Selenium, WebdriverIO, Perfecto, Apache Superset, Jupyter Notebook, Microsoft Azure

EXPERIENCE

Manulife, Waterloo   **September 2020 – April 2021**
DevOps Engineer
- Developed on automation tools such as **Selenium, WebdriverIO,** and **Perfecto** using JUnit and the BDD Framework
- Worked in an Agile team environment using **Atlassian Jira** and **Confluence**, reducing workload by **25%**
- Worked on various Jira stories ranging from features, bug fixes, POTs (proof of technology), documentation, etc.
- Presented upcoming feature updates for our automation tools at demo events to **30+ internal stakeholders**
- Supported the DevOps Intake Process Team to resolve internal end-user problems and strengthen end-user requirements for our automation tools.

Gide Analytics Inc. Waterloo   **July 2019 - September 2019**
Web Developer
- Implemented Gide's **first** web application based on the open-source software Apache Superset
- Developed sentiment visualizations for large structured data through the use of **HTML, CSS**, and **React.js**
- Designed **SQL queries** to access an SQLite database to visualize sentiment analysis data

Gide Analytics Inc. Waterloo   **May 2019 - July 2019**
Data Scientist
- Integrated and diagnosed raw data into the data pipeline by exploring, processing, and cleaning the dataset using **Microsoft Excel, Jupyter Notebook, Pandas**, and multiple **NLP frameworks**
- Conveyed key problems and solutions with internal stakeholders, speeding up the development process **40%** faster
- Developed and executed product test conditions for stability testing by translating business requirements

Wilfrid Laurier University   **September 2019 – December 2019**
Teaching Assistant
- Instructed students with laboratory assignments covering the "Introduction to Programming" course
- Graded **50+** students' work submissions based on professors' devised rubrics
- Proctored and instructed **100+** student candidates in the examination room

COMPETITIONS & PERSONAL PROJECTS

Hack the North   **September 2019**
Machine Learning Developer
- Contributed to a team **Flutter** mobile project called SpeakNow which has two functions:
  - Obtained speech and converted it to sign language for the user
  - Used machine learning with **Microsoft Azure's Custom Vision AI** to predict hand sign language from the camera feed and converted it to text

Nintendo Wii U App   **July 2017**
Swap DRC
- Co-Developed a Nintendo Wii U App in **C/C++** that redirects the graphics and audio between the TV and gamepad
- Established as a top popular program on the internet with over **70,000 global views**

EDUCATION

Wilfrid Laurier University   **Waterloo, ON**
Honours Bachelor of Science in Computer Science   June 2022
  - Concentration in Big Data Systems; Minor in User Experience Design