

Yahya Thai

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SKILLS

Languages: Java, Python, C, C#, Dart, SQL, VBA for Excel, ARM Assembly

Web & Design: HTML, CSS, JavaScript, React.js, D3.js, XML

Tools: Git, Selenium, WebdriverIO, Apache Superset & Hadoop Framework, Jupyter Notebook, Microsoft Azure

EXPERIENCE

Manulife - Waterloo, ON

September 2020 – April 2021

DevOps Engineer

- Developed on automation tools such as Selenium and WebdriverIO using JUnit and the BDD Framework
- Worked in a team using Agile Methodologies with Atlassian Jira and documented research using Confluence
- 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, ON

July 2019 - September 2019

Web Developer

- Implemented Gide's first web application based on the open-source software Apache Superset
- Developed custom sentiment visualizations for large structured data through the use of HTML, CSS, and D3.js
- Designed SQL queries to access an SQLite database to visualize sentiment analysis data

Gide Analytics Inc. - Waterloo, ON

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 development process 40% faster
- Developed and executed product test conditions for stability testing by translating business requirements

Wilfrid Laurier University - Waterloo, ON

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 – Waterloo, ON

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

Swap DRC (Game Console Homebrew App) - Personal Project

July 2017

<https://github.com/yahya14/SwapDRC>

- Co-Developed a Nintendo Wii U App in C/C++ that redirects the graphics and audio between TV and gamepad
- Established as a highly popular program on the internet with over 80,000 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