

Yahya Thai

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SKILLS

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

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

Tools: VSCode, Git, Apache Superset, Jupyter Notebook, HeidiSQL, Android Studio, Virtual Box, Microsoft Azure, Unity

EXPERIENCE

Web Developer | *Gide Analytics Inc. Waterloo*

July 2019 - September 2019

- Utilized Git and Bitbucket to deploy a web application from the staging local environment to the development server
- Designed SQL queries to access an SQLite database to visualize sentiment analysis data
- Collaborated with the visualization team to develop rich interactive graphics and data visualizations of large structured data

Data Scientist | *Gide Analytics Inc. Waterloo*

May 2019 - July 2019

- Integrated and diagnosed raw data into the data pipeline by exploring, processing, and cleaning the dataset using Jupyter Notebook and multiple NLP libraries.
- Developed test conditions for stability testing and executed test cases by translating business requirements
- Coordinated with internal and external stakeholders in order to convey key messages and present progress

Teaching Assistant | *Wilfrid Laurier University*

September 2019 - Present

- 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

Computer Science Tutor | *Private*

January 2018 - Present

- Tutored 15+ students in C, Java, Python, and VBA by providing assignment assistance and constructive feedback
- Mentored each student with an encouraging and positive personality to support their learning growth

COMPETITIONS & PERSONAL PROJECTS

Machine Learning Developer | *Hack the North*

September 2019

- Contributed to a team Android project called SpeakNow which has two functions:
 - Obtains speech and converts it to sign language for the user
 - Uses machine learning to predict hand sign language from the camera feed and converts it to text
- Learned and implemented Microsoft Azure’s Custom Vision AI to develop our own machine learning model

Design and Development | *UWEnergyHacks*

June 2019

- Developed a 3D snake game with a team using Unity that is themed for sustainability to encourage picking up litter.
- Designed artwork for the project’s logo, branding, and visual assets in photoshop.

Lead Software Developer | *Innocuity Technologies Group*

September 2018 – December 2019

- Developed an Android application in Java and SQL with a team of developers that help students communicate with their classmates who are enrolled in the same courses.
- Researched tools, alternatives, and strategies in order to help deciding the best approach for team development

EDUCATION

Wilfrid Laurier University

Waterloo, ON

3B Honours Bachelor of Science in Computer Science

Expected Graduation: August 2021

- Pursuing Concentration in Big Data Systems; Minor in UX Design