Yahya Thai

Kitchener, ON | 519-804-3268 | yahyathai@gmail.com | linkedin.com/in/yahya-thai | github.com/yahya14

SKILLS

- Languages: C, C++, C#, Java, JavaScript, Python, SQL, VBA for Excel
- Tools: VSCode, WSL, Git, Apache Superset, Jupyter Notebook, Microsoft Azure, Android Studio, Unity

EXPERIENCE

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

Web Developer | *Gide Analytics Inc. Waterloo*   July 2019 - Sept 2019
- Deployed website from the staging local environment to the development server using Git and Bitbucket
- Collaborated with the visualization team to develop rich interactive graphics and data visualizations of large structured data in browser-friendly formats

Data Scientist | *Gide Analytics Inc. Waterloo*   May 2019 - July 2019
- Translated business requirements into test conditions for stability testing and subsequently executed test cases
- Coordinated with internal and external stakeholders in order to convey key messages and present progress
- Integrated and diagnosed raw data into the data pipeline by exploring, processing, and cleansing the dataset using Jupyter Notebook and visualization libraries

Computer Science Tutor | *Private*   Jan 2018 - Present
- Tutored 10+ students in multiple computer science courses for homework guidance and constructive feedback
- Mentored each student with an encouraging and positive personality to support their learning growth

PROJECTS & COMPETITIONS

Machine Learning Developer | *Hack the North*   Sept 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*   Jun 2019
- Designed the project's logo and branding using photoshop
- Developed a 3D snake game using Unity 3D

Lead Software Developer | *Innocuity Technologies Group*   Sept 2018 - Present
- Lead and manage software projects with teams of student developers
- Research new technologies and tools in order to improve existing projects

EDUCATION

Wilfrid Laurier University | 2017 - 2021
Honours Bachelor of Science in Computer Science