Yahya Thai

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SKILLS

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

EXPERIENCE

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

Web Developer | *Gide Analytics Inc. Waterloo*   **July 2019 - Sept 2019**
- Documented for deployment from staging local environment to development server using GIT and Bitbucket
- Developed 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 through direct teaching or call
- Mentored each student with an encouraging and positive personality to support their learning growth

EXTRA CURRICULARS

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**
- Contributed to art design using photoshop and developed a 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