


YAZAN MASOUD

 Yazan.ca

 in/yaxan

 Github.com/yaxan

 ymasoud@uwaterloo.ca

 (289) 230-4946

EXPERIENCE

Software Engineer | Cox Automotive Inc.

May 2021 - Sept 2021

Developed and maintained web-service based financial applications in an **agile** environment to fulfill stakeholder needs

Developed user stories using **ASP.NET Core** and **C#** for car dealership applications

Implemented front-end UI updates with **Angular** to modernize the DealerTrack platform and ensure AODA compliance

Web Developer | Halton District School Board

Sept 2019 - Feb 2020

Co-developed a **web application** to audit third-party application use of staff G-Suite accounts to ensure compliance with software regulations

Designed and programmed a web application leveraging **Google's Directory API** using **C#**, **HTML**, **CSS**, and **SQL**

Deployed by the Halton District School Board to monitor 6246 staff members replacing the manual report system

PROJECTS

NARUTO HAND SEAL RECOGNITION | Personal Project

Oct 2021 - Present

Designing a machine utilizing image detection with **TensorFlow** to classify hand gestures

Leveraging **SqueezeNet** and **MobileNetV2** for transfer learning

Built dataset of 2000+ images for 12 classes with **OpenCV** in **C++**

Social Distance Simulator | Hack The North 2020++

Jan 2021

Created a computer game using Ubisoft's **SFML-based API HackersNest** in **C++**

Worked on collision framework/detection, NPCs, map creation, and consumable item interactions

Augmented Reality Gallery Walk | StarterHacks 2019

Jan 2019

Prototyped an **Android app** for ArtsBuild Ontario to allow for an interactive art gallery walk using **SnapChat's SnapKit API**

Programmed object identification using **Python OpenCV library PylImageSearch** to scan and recognize photographs of artwork

Awarded Best Design and Best Use of SnapKit API out of 1000+ hackers

DEVELOPMENT

C#, C++, Python, JavaScript,

SQL, HTML, CSS, Angular

TOOLKIT

Git, OpenCV,

SolidWorks, Unity, Adobe CC

EDUCATION

University of Waterloo

2020-2025

BASc. Biomedical Engineering

GPA: 3.9/4.0

RELEVANT COURSEWORK:

Data Structures & Algorithms,
Digital Computation,
Computer Aided Design

AWARDS

Governor General's Academic
Medal

June 2020

Ontario Principal's Council
Student Leadership Award

June 2020

StarterHacks Best Design
Award

Jan 2019

MLH Best Use of SnapKit API
Jan 2019