ABDULMALIK IBRAHIM

MECHATRONICS ENGINEER

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905-865-2555

SKILLS SUMMARY

Project Management

Software Testing

Research & Writing

C#/C++

SQL

Visual Basic

HTML & CSS

EDUCATION

Universiity of Waterloo, 2014-2020
BAsc Mechatronics Engineering

Relevant courses include: Algorithms & Data Structures, Intro to programming, Real-Time Operating systems,

CURRENTLY WORKING ON ...

Next: An andriod app designed to streamline user decision making. Written in Java

React & Python: Learning the fundamentals

INTERESTS

Startups

Football

Video-games

Finance

Programming

PERSONAL PROFILE

Recent graduate of Mechatronics Engineering seeking an internship or entry level role in software development. I bring to the table experience in project management, software development and testing.

WORK EXPERIENCE

Web App Developer

University of Waterloo, CEL | Sep 2018 - Dec 2018

- Built an automated testing application in C# using selenium on the .NET framework.
- Built a small backend application in Visual Basic to automate mundane tasks and streamline user workflow.
- Responsible for bug fixes on company software.

QA Associate

Tulip Retail, Worx4you | Jan 2018 - Aug 2019

- Undertook company software testing and debugging on windows, and mobile IOS platforms.
- Logged and resolved tickets on Jira.
- Implemented automated testing on company software using the Xcode UI Test feature, writing automation code in Swift.

Growth Specialist

Hubba | Sep 2016 - Dec 2016

- Extensively involved in growth strategies that promoted user engagement within company app.
- Analyzed campaign metrics and data by querying data with SQL and performing analysis through Periscope Data.

PROJECT HISTORY

Semi-Autonomous Snow Plough (FYDP)

A remote control snow plough for commericial use

- Software lead. Responsible for designing and implementing the controls architecture for remotely controlling the snow plough

Black Jack Dealer

Robotic dealer in a game of BlackJack

- Project and software lead. Wrote the core software in C++ that allowed the robot to act as a BlackJack dealer