Daniel Mohazab

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Skills

- Proficient in C++, HTML/CSS, and RobotC

- Familiar with C, Java, JavaScript, and JQuery

- Experience using Android Studio, Bootstrap, Git, SolidWorks, AutoCAD, and Chrome Debugger

Projects

RobotC-Major
C++ - RobotC

- Designed a guitar playing robot in a team of four using Lego EV3, NXT, and Tetrix Prime

- Utilized a file reader to play songs by automating strumming and chording mechanisms through manipulating encoder values of 6 motors

- Developed an interactive UI on the EV3 brick that allows song and tempo selection

- Created a calibration method using encoder values for the chording and strumming mechanisms when terminating a song

AutoBalance
Java - Android SDK

- Designed a mobile application using Android Studio that streamlines closing speed by 50% when balancing Scotiabank's transaction logging system

- Compiles user inputted treasury data to optimize end-of-day efficiency, reducing total work hours

Github.io - Personal Profile
HTML - CSS - JavaScript

- Produced a mobile friendly and responsive personal website using Bootstrap to learn HTML/CSS, JavaScript, and JQuery

Work Experience

Scotiabank   Waterloo, Ontario
Customer Service Representative   Oct. 2016 - Oct. 2017

- Fulfilled customer needs by engaging in tasks such as wire transfers, business transactions, account maintenance, and financial inquiries

- Developed extensive interpersonal and communication skills through working in a goal-driven and team-oriented professional environment

Education

Candidate for B. ASc. in Mechatronics Engineering   University of Waterloo 2017 - 2022

Interests and Activities

- Captain of several district and regional level competitive Soccer teams
- Hiking, Running, Travelling, Basketball, and Video Editing