

Daniel Mohazab

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Skills

- Proficient in C++, HTML/CSS, and Robot C
- Familiar with C, Java, and JavaScript
- Experience using SolidWorks, AutoCAD, Android Studio, JQuery, Bootstrap, Git, and LaTeX

Projects

Robot C-Major

Robot C

- Designed a guitar playing robot in a team of four using Lego EV3, NXT, and Tetrix Prime
- Utilized file reader to play songs and automate strumming and chording mechanisms by manipulating encoder and timing values
- Developed an interactive UI on the EV3 brick that allows song and tempo selection
- Created a recalibration method using encoder values for the chording and strumming mechanisms when terminating a song

AutoBalance

Java

- Designed a mobile application using Android Studio for personal use that optimizes balancing speed when closing Scotiabank's transaction logging system
- Reduced balancing time by 50% which resulted in a decrease in required 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 technologies such as JQuery

Experience

Scotiabank

Customer Service Representative

Waterloo, Ontario
Oct. 2016 - Oct. 2017

- Fulfilled customer needs by engaging in tasks such as wire transfers, business and regular 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

- Cumulative GPA: 3.91 / 4.00 2017 - 2022

Interests and Activities

- Hiking, Running, Travelling, Basketball and captaining several competitive level Soccer teams