

# Daniel Mohazab

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## Skills

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- 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

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### RobotC-Major

#### 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

- Designed a mobile application using Android Studio that optimizes balancing speed when closing Scotiabank's logging system by compiling user inputted treasury data
- 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 JQuery

## Work Experience

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### Scotiabank

#### Customer Service Representative

Waterloo, Ontario

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

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### Candidate for B. ASc. in Mechatronics Engineering

University of Waterloo 2017 - 2022

## Interests and Activities

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