

# MAHDEEN ABRAR

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## EDUCATION

**Dalhousie University** - Bachelor of Computer Science (**GPA: 4.26**) Expected in 05/2024

- Received Renewable Entrance Scholarship for outstanding academic performance

## SKILLS

- **Java** - Proficient in Java due to extensive use in a data structure and algorithm course
- **Python** - Intermediate knowledge of Python due to a data science course and through use for developing a discord bot
- **Lua** - Beginner knowledge of Lua due to use for a personal Roblox game project
- **Arduino** - Knowledgeable on arduino microcontroller through personal projects
- **Communication** - Able to clearly and effectively communicate with a diverse group of people due to experience working professionally with both elderly and children

## WORKPLACE EXPERIENCE

**Coding Instructor at Code Ninjas Halifax** 08/2021-Current

- Mentored children ages 7-14 looking to learn how to code through building games
- Mainly focused using JavaScript, C#, and Scratch

**Hospital Volunteer** 06/2017-11/2018

- Worked primarily with elderly patients looking to move into retirement homes
- Provided support and companionship to patients in need of assistance

## PERSONAL PROJECTS

**Discord Bot** 02/2022-Current

- Creating a fully functional bot for Discord app using Python language
- Bot will have various functions such as playing YouTube links, pulling Riot Games API, and creating voting polls for servers

**Minigame Arena (Game)** 11/2020-01/2021

- Made a simple Roblox game consisting of three minigames that would be randomly chosen
- Used Lua to code from scratch, using Roblox studio

**LED Lights** 09/2020-10/2020

- Used an Arduino microcontroller to make a custom LED sign
- Made use of individually addressable LEDs to code custom light patterns

## CO-OP STATUS

- Will have completed 5 Dalhousie academic terms in September 2022
- Will be available for first co-op work term in September 2022 (4 month term)