

Ritesh Ahlawat

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EDUCATION

Ryerson University, Toronto, Ontario.

Expected Graduation: 2023

Computer Science B.Sc. (Co-op), plan to minor in Mathematics, available for 4-16-month term

· cGPA: 3.26

EXPERIENCE

WebMoti Assistant - Ryerson University IMDC, Toronto, Ontario

(September 2019 – Present)

- Worked in an agile environment on the front and back-end developing a web application for students with autism to attend class remotely with video and audio feedback.
- Maintained and added functionalities to the WebMoti robot which students would be able to control and give the teachers gestural, audio, and video feedback.
- Redesigned the entire web application with a material design focus, significantly increased simplicity, and implemented 70% of the accessibility features all before the given timelines.

SKILLS

Languages: Java, JavaScript, Python, C, HTML, CSS

OS: Windows, Linux

Databases: MySQL, Firebase NoSQL

Cloud Platforms: GCP, Firebase

Frameworks and Libraries: React.js, Node/Express.js, Axios, jQuery, Retrofit, Firebase.js, Google Maps

Technologies and Tools: GitHub, Android Studio, IntelliJ IDEA, VS Code, Microsoft Office, Postman

Data Analytic Tools: Matplotlib

PROJECTS

Music Ecommerce – React.js, Node.js, MySQL, HTML, CSS

[GitHub](#)

- Worked on an ecommerce website for a musical artist to sell musical pieces
- Experimented with libraries such as ScrollMagic.js and GSAP to create a responsive and animated website

ProTech – Java, C, Arduino, Node.js, MySQL

[Devpost](#) - [GitHub](#)

- Created an application with a group of developers at **Hack the 6ix 2019**
- We used the ESP32 module along with the HC-SR04 ultrasonic sensor to detect objects that pass through a window frame, alerting a camera via Bluetooth to record.
- Uploads recording to a web server (made with Node.js and MySQL) and sends owner notification from app and allow them to view recording

ThowYourWaste – Java, Android, Node.js, Google Vision

[GitHub](#)

- Created an application with another developer at **WeDesignTech Hackathon 2020**
- Uses Google Vision to determine if a picture of an item uploaded by your Android device is Recyclable