Rohan Agarwal

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Education

McGill University   **Current**
Bachelor of Science in Computer Science - U3   *Montreal, Canada*

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SASS
Developer Tools: VS Code, IntelliJ, Android Studio, Excel
Technologies/Frameworks: Linux, Git, GitHub, JUnit, MongoDB, Flask

Experience

Teaching Assistant   **September 2020 – May 2021**
COMP202 - Foundations of Programming   *Montreal, Quebec*
- Lead discussion and presentation groups of 40 undergraduate students.
- Graded 5 major programming assignments for style and convention for over a 100 students.
- Held office hours twice a week in order to provide assistance to students wanting guidance or help.

Part-Time Administrative Assistant   **September 2019 – May 2020**
McGill School of Computer Science   *Montreal, Quebec*
- Worked with 1000+ graduate student admission data on Microsoft Excel
- Answered and directed phone calls

Projects

Zoom Chat Assistant Bot | *Python, Selenium, MongoDB, Flask, HTML/CSS, React.js*   **June 2021**
- Created with a team of three for SigmaHacks 2021
- Developed an automatic bot using Python and Selenium to assist educators with cluttered zoom chats. Our selenium application automatically opens up a in-browser instance of zoom which listens for specific commands in the chat room.
- Used React.js and HTML to create a front end to help create new commands and add additional information
- Developed a flask api to help the frontend communicate with our local backend.
- We intend on packaging this into a lightweight application for our professors

Formula-1 Statistics Web App | *React.js, HTML/CSS, Material UI*   **May 2021**
- Developed a web application using React.js and HTML/CSS to help provide formula 1 statistics for my friend group.
- The frontend was made using React.js and Google's MaterialUI.
- Data was provided and parsed in a JSON format using a public api from ergast.com
- Created a custom countdown component for each upcoming grand prix.
- I intend on creating a sweepstakes website for Formula 1 grand prix's using these skills.

Personal Url Shortener | *React.js, Node.js, MongoDB, HTML/CSS*   **June 2021**
- Created a tinyurl replica using React and MongoDB for my personal use.
- A simple frontend using React.js and Material UI
- Stored data using MongoDB and developed a REST api using Flask to communicate with the database.
- Worked with React-Router and Browser in order to redirect to the appropriate websites

Leadership

High School Sports Captain   **2018 - 2019**
Student Council   *Jamnabai Narsee International School*
- Part of the executive student school council. Responsible for the well-being and voice for over 200 students.
- Conducted 8 inter-house sporting events such as basketball, football and handball.

Certificates

Deep Learning and Neural Networks   **2020**
Coursera - Deeplearning.ai

MERN Stack - Web Application Development   **2020**
Udemy