

SHAIBAL MUHTADEE

Software Engineering Student

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/shaibal-muhtadee in

Technical Skills

- **Languages:** Python, Java, JavaScript, C++, Swift, HTML, CSS
- **Tools:** Eclipse, Xcode, Bootstrap, Git, Google Analytics, MATLAB, Autodesk Inventor, MS Office

Experience

McMaster Mars Rover Team

Hamilton, Ontario

Electrical Engineer

October 2018 – Present

- Programmed robot in C++ using the [Robot Operating System](#) (ROS) framework
- Mapped terrain using rgb-d cameras and lidar
- Designed [logic circuit](#) for motor feedback using Jetson TK2 module

Faculty of Forestry University of Toronto

Toronto, Ontario

Intern

August 2017 – September 2017

- Wrote several literature reviews on nanocellulosic biocomposites
- Edited reports for PhD candidates before publication
- Created spreadsheets on various nanocellulose composite test results

Academic Projects

Room Booking System

- Designed and built a [responsive](#) website for high school teachers to use for reserving and managing classrooms
- Managed database and updated the user interface using [Ajax](#), PHP, SQL, and JavaScript.

Personal Website

- Designed and built a personal website using HTML, CSS, and JavaScript for showcasing my progress as a software developer hosted on [shaibalm.github.io](#)
- Lists aspiring programming projects and occasional blogs on my hobbies and interests

Education

McMaster University

Hamilton, Ontario

Software Engineering Co-op (B.Eng.)

Expected April 2022

Cumulative GPA: 3.80

Relevant Courses

Engineering Computation, Engineering Design and Graphics, Engineering Profession and Practice

Hobbies and Interests

- Arduino projects, Web design, Building computers
- Basketball, Volleyball, Ultimate, Board Games, Streetwear