

# SABEEH TAHIR

Mississauga, Ontario | 647-713-1849 | [sabeeh7555@icloud.com](mailto:sabeeh7555@icloud.com) | [linkedin.com/in/sabeehtahir](https://www.linkedin.com/in/sabeehtahir) | [github.com/Zaybeeh](https://github.com/Zaybeeh) | [sabeehtahir.vercel.app](https://sabeehtahir.vercel.app)

## EDUCATION

McMaster University - Bachelor of Technology  
Automation Software Engineering

Sept. 2019 - April 2026

## TECHNICAL SKILLS

**Programming Languages** | Java, C++, JavaScript, Python, HTML, CSS, SQL, PHP  
**Technologies** | React, Tailwind CSS, AngularJS, Django, MongoDB, MySQL, Linux, NextJS, SwiftUI  
**Programs** | AutoCAD, Solidworks, Microsoft Office Suite, Adobe Suite, SCADA  
**Developer Tools** | Git, GitHub, Debugging  
**Hardware** | PLC, Arduino, FPGA

## PROJECTS

Elevator | FPGA Programming

Project Link

- Designed and implemented a cabin control system that facilitates vertical movement through the utilization of a motor driven by push button inputs feeding into an **FPGA** using **Verilog** programming
- The system employs Reed sensors to monitor the cabin’s current state and transmits this data to the **FPGA** , which then displays the corresponding floor level on a seven-segment display
- Used breadboard circuit using logic gates, motor chip, 7-segment display, motor, push buttons, etc. integrated into a FPGA using Verilog programming, enhancing my hardware and software implementation skills

Portfolio Website | ReactJS

Portfolio Link

- Utilizing the skills acquired through my Coop, I have developed my own portfolio using the **ReactJS** framework
- Utilized **GitHub and Git** for code uploading, followed by Vercel as a deployment service for executing my **ReactJS** code
- In the process of developing a chatbot, I intend to create a conversational interface that can provide basic information about myself

Remote Control Car | Arduino Programming

Project Link

- Constructed a Remote Controlled Car from the ground up utilizing an **Arduino** , Bluetooth technology, a gyroscope, and the **C++**
- Constructed the hardware on a breadboard and subsequently installed the breadboard within a 3D-printed automotive model using **CAD**

Multiple Control System Designs | PLC Programming

Sept. 2019 – April 2022

- Developed a Garage Door Opener utilizing **PLC** programming and Ubidots input devices, along with actual sensors that transmit data to an online cloud service
- Gained experience and knowledge with Cloud Computing and PLC Programming

Parking Tracking Website | HTML and Google API's

Github Link

- Developed a website for booking and reserving parking spaces in advance, utilizing navigation systems to guide users to the designated location
- Programmed primarily with **HTML and Google API's**

Library Management System | C++ Object Oriented Programming

Github Link

- Designed a Library Management System to facilitate seamless interactions between librarians and consumers
- Enabled users to search for books, reserve/return them, and access information about upcoming events and library services
- Developed with **C++ Object Oriented Programming and HTML** to enhance object-oriented programming skills and create a clean user interface

## EXPERIENCE

Software Developer (Coop)

Sept. 2023 – Dec. 2023

Growing Globe Immigration - North York, Ontario

- Revamped the company website using **ReactJS** , enhancing its design with modern aesthetics, animations, and a robust backend to support daily blog uploads Implemented an AI chatbot that can ask multiple questions and determine eligibility for a program, simplifying consultants’ jobs by half
- Utilized **Git and GitHub** to upload the website to the primary domain of the company
- Provided technical support to employees and clients by troubleshooting and resolving hardware, software, and network issues
- Collaborated with the IT team to research, evaluate, and recommend new technologies or software solutions that can streamline processes and improve efficiency within the company

Marketing Representative

July 2019 – Aug. 2019

Vector Marketing - Mississauga, Ontario

- Worked to promote various products through advertising campaigns
- Developed creative presentation styles and advertising posters using various softwares such as **Adobe Illustrator & Photoshop**
- Collaborated with different teams to develop and execute successful marketing campaigns, leveraging clear communication and teamwork to meet tight deadlines and exceed performance goals

Graphics Designer (Coop)

July 2018 – Aug. 2018

Sherwood Copy & Print - Brampton, Ontario

- Developed creative design including print materials, brochures, banners, business cards and signs
- Developed, implemented, and managed marketing and designed sales and promotional items
- Used **Illustrator & Photoshop** to create images and layouts for over 50 projects

Technician

Oct. 2016 – Dec. 2016

iTech Solutions -Vaughan, Ontario

- Performed comprehensive tests of components and systems to assess their performance and pinpoint potential issues
- Assist in the development of specialized fixtures, test equipment, and procedures for failure analysis
- Performed comprehensive diagnostics, troubleshooting, and evaluations on various electronic devices, including smartphones and laptops