

# SABEEH TAHIR

## AUTOMATION SOFTWARE ENGINEER

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## Skills

### PROGRAMMING

C++  
HTML  
C#  
Object Oriented  
Python  
Ladder Logic  
SCADA  
React  
HTML  
CSS  
ReactJS

### SOFTWARES

Windows  
MacOS  
Adobe Creative Suite  
Microsoft Office  
Solidworks  
AutoCAD  
QuickBooks  
Visual Studio Code

### HARDWARE

Arduino  
PLC  
Cloud Computing

### WORKPLACE

Time Management  
Communication  
Decisive Decision Making  
Leadership Qualities  
Teamwork

## Education

McMaster University	Sept. 2019 to Current
Bachelors of Technology Automation Software Engineering 2024	
North Park Secondary School	Sept. 2015 to June 2019

## Employment

Growing Global Immigration · IT Associate	1280 Finch Ave W · Sept. 2023 to Current
<ul style="list-style-type: none"><li>Software Development: Helped develop company website using ReactJS by modernizing it, animating it and creating a backend that could support daily blog uploads. Also implemented an ai chatbot that was able to ask multiple questions and come to a conclusion for what kind of program they're eligible for and using that data to simplify consultants jobs by half the time.</li><li>End User Support: Provide technical support to employees and clients by troubleshooting and resolving hardware, software, and network issues</li><li>Digital Footprint Enhancement: Assist in developing and implementing strategies to improve the company's digital presence and user experience (such as their website)</li><li>Data Management: Support the management and organization of company data, ensuring its accuracy and security</li><li>Technology Upgrades: Collaborate with the IT team to research, evaluate, and recommend new technologies or software solutions that can streamline processes and improve efficiency within the company</li><li>IT Asset Management: Assist in maintaining an inventory of IT assets, including hardware, software licenses, and peripherals</li><li>Stay Up-to-Date: Keep abreast of the latest technological advancements and industry trends. Share relevant knowledge and insights with the team to promote continuous improvement.</li></ul>	

Vector Marketing · Marketing Representative	July 2019 to Aug. 2019
<ul style="list-style-type: none"><li>Worked for Marketing Company to advertise different products</li><li>Developed creative presentation styles and advertising posters</li><li>Used PowerPoint, Illustrator &amp; Photoshop</li></ul>	

Sherwood Copy & Print · Graphics Designer	July 2018 to Aug. 2018
<ul style="list-style-type: none"><li>Developed creative design including print materials, brochures, banners, business cards and signs</li><li>Developed, implemented, and managed marketing and designed sales and promotional items.</li><li>Used Illustrator &amp; Photoshop to create images and layouts for over 50 projects.</li></ul>	

iTech Solutions · Technician	Oct. 2016 to Nov. 2016
<ul style="list-style-type: none"><li>Conducted tests of components and systems to evaluate performance and identify concerns.</li><li>Assist in developing specialized fixtures, test equipment and procedures for failure analysis.</li><li>Executed diagnostics, troubleshooting and evaluations on phones, laptops, etc.</li><li>Customer Service</li></ul>	

## Projects

Remote Control Car	Jan. 2018 to June 2018
<ul style="list-style-type: none"><li>Built a Remote Controlled Car from scratch using an Arduino, bluetooth, gyroscope and C++ programming language</li><li>Built the hardware on a breadboard and installed the breadboard in a 3D printed car model</li><li>The trunk would lead to the whole inside of the car to be hollow and that is where the breadboard would fit alongside its wiring</li></ul>	
Different Control Systems using PLC Ladder Logic	Sept. 2019 to Apr. 2022
<ul style="list-style-type: none"><li>Many different algorithms that allowed for different scenarios to occur based off different live inputs</li><li>Lots of IoT (Internet of Things) using online inputs from websites such as Ubidots</li><li>Created a Garage Door Opener with the use of Ladder Logic and Ubidots inputs and real sensors that provide data to an online cloud service</li></ul>	
Parking Tracking Website using Google API's	Dec. 2020
<ul style="list-style-type: none"><li>Website that lets you know what parking spots are available and how to get to it</li><li>Reserve parking spots as well</li></ul>	
Library Management System	Sept. 2020 to Current
<ul style="list-style-type: none"><li>Library System that is for librarians and customers alike</li><li>Find books, reserve them, return them, see upcoming events, etc</li><li>Made on C++ with Object Oriented Programming</li><li>Creating a website for user friendly UI</li></ul>	

## Activities

Tech Enthusiast
<ul style="list-style-type: none"><li>Love to keep up with latest technological advancements</li><li>Learning how to build my own projects and do some advanced projects at a smaller home scale</li><li>Purchasing and experimenting with my own projects and technologies I find interesting and something I can tinker with</li></ul>

## Volunteering

International Languages · Teaching Assistant	Sept. 2015 to June 2019
Morning Star Middle School	
<ul style="list-style-type: none"><li>Developed team communications and group projects for students.</li><li>Performed various administrative functions, including filing paperwork, delivering mail, sorting mail, office, and bookkeeping.</li><li>Devoted special emphasis to punctuality and worked to maintain outstanding attendance record, consistently arriving to work ready to start immediately.</li></ul>	
New Years Clean Up · Religious Society Representative	Dec. 2016 to Jan. 2017
<ul style="list-style-type: none"><li>Cleanup after New Years Day celebration</li></ul>	
Event Setup · Religious Society Representative	Jan. 2014 to Sept. 2019
<ul style="list-style-type: none"><li>Setup for any major event happening</li><li>Setting up tables, rugs, decorations</li><li>Getting food</li><li>Organizing food and schedule</li></ul>	