

Olayiwola Bakare

(647) 667-5703

bakaro2@mcmaster.ca

<https://olayiwola.ca>

Github:// [Olayiwola1](#)

Work Experience

On-Site Support Technician Co-op

Toronto, ON

Sun Life Financial

May 2019 – August 2019

- Applied my critical thinking skills in **troubleshooting** LAN and desktop (**software** and hardware) problems and provided consultation to clients.
- Configured Test Lab PCs and scheduled deployments of computer hardware to over **80+** internal clients.

Co-Founder/ Software Developer

Toronto, ON

Digital iceCloud

August 2019 – Present

- Launching a custom **software development** company that focuses on building websites and applications for small businesses, we are going to be utilizing tools such as **React** and **Bootstrap**.

Teaching Assistant (ENG 1P03)

Hamilton, ON

McMaster University

September 2019 – Present

- Selected as a teaching assistant for Engineering Profession and Practice, which is a project-based course.
- Working closely with the professor and other teaching assistants to assist over **300+** students throughout the process of completing their projects.

Program Instructor

Hamilton, ON

Mathstronauts

October 2018 – Present

- Instruct an after-school STEM (Science, Technology, Engineering, and Mathematics) program.
- Introduced **40+** students to the art of programming, and circuitry using **Arduino** and **C** and taught them about 3D design using **FreeCAD**.
- Oversee students building a remote-controlled robotic arm by applying the knowledge they have gained.

Projects

CPU L8R

Hamilton, ON

McMaster University

October 2019

- Collaborating in a team to create a pacemaker prototype and implement its modes and functionalities using **MATLAB (Simulink)** and the **FRDM-K64F** board.
- Worked on creating the graphical user interface using **Tkinter** and **Python**. Currently working on implementing serial communication using **pySerial** to transmit and receive information between our hardware and software.

Land_Fix

Toronto, ON

NSBEHacks UofT

January 2019

- Developed a blockchain-based application to deal with the prominent corruption in property ownership in Africa. The application provides a digital and immutable record of all transactions.
- Provided a visual representation of users' allocated territory using **HTML**, **CSS**, **JavaScript**, and **Google Maps API**.

Skills

Languages & Frameworks: Python, C, Java, JavaScript, HTML, CSS, ReactJS, NodeJS, Bootstrap, SQL, MATLAB

Software: Linux, Git

Computer-Aided Design: Autodesk Inventor, FreeCAD

Education

McMaster University

Computer Engineering & Management (B.Eng.Mgt.)

cGPA – 3.63/ 4.00

Hamilton, ON

September 2017 – April 2022

Awards: Dean's Honour List – (2018, 2019), The McMaster Honour Award, Level 3 – 2017, Ontario Scholar – 2017

Activities: Treasurer – National Society of Black Engineers (McMaster Chapter)

Relevant Courses: Data Structures & Algorithms, Principles of Programming, Software Development