Olayiwola Bakare

(647) 667-5703 | bakaro2@mcmaster.ca | https://olayiwola.ca | Github:// Olayiwola1

Work Experience

On-Site Support Technician Co-op   **Sun Life Financial**
Toronto, ON   *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   **Digital iceCloud**
Toronto, ON   *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)   **McMaster University**
Hamilton, ON   *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   **Mathstronauts**
Hamilton, ON   *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   **McMaster University**
Hamilton, ON   *October 2019*

- Collaborating in a team to create a pacemaker prototype and implement its modes and functionalities using **MATLAB (Simulink)** and the **FRDM-K64F** microcontroller.
- Created the graphical user interface using **Tkinter** and **Python**. Currently working on the serial communication aspect of the project using **pySerial** to transfer information between our hardware and software.

Land_Fix   **NSBEHacks UofT**
Toronto, ON   *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   **Hamilton, ON**
Computer Engineering & Management (B.Eng.Mgt.)   *September 2017 – April 2022*
cGPA – 3.63/ 4.00

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