Mofiyinfoluwa Angel Saka

angelsaka@yahoo.com | (647) 704-8706| LinkedIn: mofiyinfoluwa-saka| Github: angiez37

HIGHLIGHTS OF QUALIFICATION

- Currently enrolled in level 2 of a 5-year Software Engineering CO-OP program.
- A driven and detail-oriented individual with excellent analytical and problem-solving skills gained through previous work experience.

EDUCATION

McMaster University   **Hamilton, Ontario**
B.Eng.Mgt (Bachelor of Engineering & Management)   *2023 - 2028*
- o **Stream:** Software Engineering & Management CO-OP
- o **GPA:** 3.9/4.00, *Dean's Honor List*
- o Recipient of the Yves & Cynthia Bled Black Women in Engineering scholarship ($20,000)
- o Recipient of the Faculty of Engineering Award of Excellence ($5000)

EXPERIENCE

McSCert – McMaster Department of Computing & Software   **Hamilton, Ontario**
Software Engineering Research Assistant   *Apr 2024 – Aug 2024*
- Utilized MATLAB and Simulink to optimize a clustering and tracking model for an autonomous ego vehicle
- Developed a track level fusion algorithm for two 2D LiDAR sensors and a zed camera to improve the environment perception of the vehicle.
- Implemented libraries like NumPy, pandas and Matplotlib to develop scripts and analyze recorded data.
- Utilized various tools like ROS, Git, Linux, Python and C++ to visualize and improve the tracking system.

McMaster Nuclear Reactor   **Hamilton, Ontario**
Tour Guide   *Mar 2024 – Present*
- Led over 50 visitors in various tour groups and explained all aspects of the nuclear reactor, its history, and use.
- Exhibited strong interpersonal skills when interacting with tour guests from diverse backgrounds.
- Demonstrated ability to provide informative and entertaining tour experiences for groups of all sizes.

STEM Camp   **Ancaster, Ontario**
Camp Counselor   *Jun 2021 – Aug 2023*
- Led over 200 campers through STEM activities that included science experiments and engineering projects to spark their interest in STEM at an early age.
- Utilized Microsoft micro bits to teach programming fundamentals to campers.
- Trained volunteers on expectations and worked closely with parents to achieve optimal outcomes.

PROJECTS

ScotiaBuzz   **Toronto, Ontario**
S:\HA<KS 2024   *Aug 2024 – Aug 2024*
- Developed a website to help clients detect fraud messages and scams and actively protect themselves from digital fraud for the Scotiabank x Tangerine 2024 hackathon.
- Used Tailwind, react.js and typescript to create the website.

ACTIVITIES AND LEADERSHIP

NSBE McMaster   **Hamilton, Ontario**
Membership Chair   *May 2024 - Present*
- Planning social events for the black student community in McMaster University's Faculty of Engineering.

Garth Trails Clubhouse   **Hamilton, Ontario**
Tech Volunteer   *Nov 2022 – May 2023*
- Worked with senior citizens and educated them on how to use technology to increase their knowledge and skillset.
- Assisted seniors with tech-related questions to increase understanding of the functionality of various applications.

SKILLS

Programming: C++, Python, Tailwind, React.js, MATLAB, Simulink, C, HTML, CSS, JavaScript, Data Structures & Algorithms
Tools: Linux, ROS, ROS2, PyGame, Jupyter Notebooks, Git, Gitlab, GitHub, Autodesk Inventor
Special Awards: Programming Subject Award, Marlene Thomas Community Advocacy Award, G3 Grow Beyond Scholarship