

Alex Oluwasina Olowookere

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OBJECTIVE

Seeking a role as a Software Engineering Intern

EDUCATION

University of Toronto, Toronto, ON — *BASc Mechanical Engineering (Mechatronics Stream)*

September 2020 - PRESENT

Downsview Secondary School, Toronto, ON — *Ontario Secondary School Diploma*

January 2017 - June 2020

LANGUAGES AND TECHNOLOGIES

Languages: C/C++, Python, Java, JavaScript, HTML, CSS, SQL, R, MATLAB.

Frameworks: React, Express.js, Flask, Bootstrap, Mongoose, Angular, Tailwind.

Technologies: Node.js, MongoDB, VSCode, SolidWorks, Arduino, Ansys, Git, Microsoft Office Suite, POSTMAN, SWAGGER.

Libraries & APIs: Socket.io.

EXPERIENCE

First National LP, Toronto, ON — *Quality Assurance Intern*

MAY 2022 - September 2022

- Analyzed/Reviewed requirements, specifications and technical design documents entered by the Business Analysts
- Liaised with internal teams (developers and product owners) to identify system requirements
- Implemented business requirement changes to the UI using HTML, CSS and JavaScript
- Conducted API tests such as Creating & Verifying API requests using **POSTMAN & SWAGGER**
- Cross-referenced displayed data on the user interface with the company database using **SQL/Microsoft SQL Server Management Studio**
- Developed and applied test processes for new and existing products to meet client needs

DESIGN TEAMS

University of Toronto Formula Racing Team, Toronto, ON — *Firmware Programmer*

January 2022 - PRESENT

- Programmed electronic hardware devices, such as remote controls that are implemented in a Formula 1 race car using C++
- Developed and implemented software for industry-specific applications and systems
- Improved and managed software applications that are currently being implemented in the vehicle.

COMMUNITY & LEADERSHIP

Assistant Finance Lead — *National Society of Black Engineers UofT Chapter*

September 2021 - PRESENT

- Part of the executive team organizing NSBEHacks 2022 Hackathon
- Worked together with the Treasurer on all financial matters such as the organizations yearly operating budget, reimbursements, and record keeping
- Grew the organization's influence by networking and reaching out to companies in order to facilitate partnerships, increasing the number and quality of resources we provided to students

Residence Don/Assistant — *University of Toronto*

August 2022 - PRESENT

- Act as a resource who is responsible for community development and social/educational programming,
- Implementing crisis intervention skills and referrals
- Enforcing policy and ensuring the overall wellbeing of the residents

SKILLS

Data analytics
Problem Solving
Critical Thinking
Self Starting

AWARDS

US Steel
Undergraduate
Scholarship

John And Lena
Demma Scholars
At Risk Award

See UofT Award

RELEVANT COURSES

APS105-
Programming in
C

APS360-
Artificial
Intelligence
Fundamentals

CSC263- Data
Structures and
Algorithms

MIE243-
Engineering
Design

MSE238-
Engineering
Statistics and
Numerical
Methods