

Johnbosco Muiruri

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EDUCATION

Bachelor of Science in Computer Science Minor in Mathematics

May 2025

University of Houston

Relevant Coursework: Calculus 2, Linear Algebra, Discrete Mathematic, Computer Science & Program, Introduction to Programming, Computer Organization & Architecture, Programming and Data structures

Associate of Science, Specialization: General

May 2023

Houston Community College

PROFESSIONAL EXPERIENCE

Fellow

Aug 2023 –

ColorStack

present

- ColorStack's mission is to increase the number of Black and Latinx Computer Science graduates that go on to start rewarding technical careers.
- ColorStack is a tech-focused organization dedicated to promoting diversity and inclusion in the industry, participating in initiatives such as organizing workshops and mentorship programs to support underrepresented communities.

Pool Operator

May 2022 –

Swim Houston Pool Managment, Houston Texas

Aug 2022

- Executed the troubleshooting of hydraulic pressure components and the chemical balance.
- Instructed 8 incoming faculty members with skills such as certified first aid knowledge.
- Conducted regular inspections of pool equipment and facilities to identify potential hazards and prevent accidents
- Assisted in the organization and management of swimming lessons, swim meets, and other aquatic events.

Front Desk Receptionist

Jan 2021 –

La Fitness, Cinco Ranch Texas

Sep 2021

- Managed a high volume of phone calls, directing them to appropriate staff and handling inquiries.
- Processed new member sign-ups, explaining membership options and benefits.
- Checked-in gym members, tracked attendance, and ensured a smooth entry process.
- Managed scheduling of gym classes, personal training sessions, and facility bookings.

Lead Front Gate

May 2019 –

Typhoon Texas Waterpark, Katy Texas

Aug 2019

- Supervised and provided guidance to team members, ensuring efficient operations at the water park.
- Assisted in the training and onboarding of new staff, ensuring they were well-versed in park policies and procedures.
- Coordinated and delegated tasks to team members to optimize workflow and meet operational goals.

PROJECTS

Portfolio Website

May 2022

HTML, CSS, jQuery

Technical Document Page

Aug 2022

HTML, CSS

- Created an informational web page offering tips and tricks for C++ and C coding languages.
- Designed and developed a user-friendly web page to present coding tips for target languages.

Tribute Page

Oct 2022

HTML, CSS, JavaScript

- Developed a tribute page dedicated to Michael Jordan, incorporating user interaction.
- Designed and coded a tribute page highlighting Michael Jordan's achievements, featuring an interactive quote generator.

Pokédex

Dec 2022

Javascript, React, Redux, PokéAPI

- Sought to create a real-life Pokedex application interfacing with the PokéAPI for comprehensive Pokémon information.
- Developed a user-friendly web application utilizing JavaScript, React, and Redux to display detailed Pokémon data.
- Successfully delivered a functional Pokedex application, enabling users to search for and view extensive Pokémon details

ORGANIZATIONS

National Society of Black Engineers

Aug 2023

A dedicated member of the National Society of Black Engineers (NSBE), committed to promoting diversity and excellence in engineering and technology, while actively engaging in opportunities for personal growth, leadership, and community impact within the field.

SKILLS

Languages

JavaScript, Python, C++, Java, TypeScript, HTML/CSS, R, MATLAB, SQL, Excel

Development Tools/Processes

Visual Studio Code, IntelliJ, MySQL, GitHub, GitLab, Postman Api, PyCharm, AWS

Frameworks/Libraries

React.js, Redux/Redux Toolkit, Node.js, JS, Express.js, Bootstrap, Angular Django, Git

Databases

MongoDB, MySQL, Microsoft SQL Server, Big Query, DataGrip, SpreadSheet, Microsoft Excel, PGAdmin, Firebase