Johnbosco Muiruri

✉ Johnmuiruri352@gmail.com 📞 (832)-713-5324 ✦ Johnbossco.github.io in LinkedIn ⦾ Github

EDUCATION

Bachelor of Science in Computer Science   May 2025
Minor in mathematics
University of Houston
Relevant Coursework: Calculus 2, Linear Algebra, Discrete Mathematic, Computer Science & Program, Introduction to Programming, Computer Organization & Architecture, Programming and Data structures, Data Science and Statistical learning, Data Programming

Associate of Science, Specialization: General   May 2023
Houston Community College

PROFESSIONAL EXPERIENCE

Fellow   Aug 2023 – present
ColorStack
- ColorStacks 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 – Aug 2022
Swim Houston Pool Managment, Houston Texas
- 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.

Sales Floor Team Member   Jan 2021 – Sep 2021
La Fitness, Cinco Ranch Texas
- 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 – Aug 2019
Typhoon Texas Waterpark, Katy Texas
- 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

Cruise Booking Website ⬀   Feb 2024
JavaScript, React, Node.js, MySQL, Tailwindcss
- Created a user-facing interface where users can create an account and log in to existing accounts.
- Developed a responsive website using React, ensuring a seamless and interactive user experience.
- Utilized MySQL to design and manage the database, efficiently storing and retrieving information related to cruise availability, pricing, and locations.

Sudoku Solver ⬀   Nov 2023
JavaScript, HTML, CSS
- Created and developed a Sudoku solver using JavaScript. That Solves standard 9x9 Sudoku puzzles.
- Implements an algorithm to fill in missing numbers while adhering to Sudoku rules. With a user-friendly interface for inputting

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	**Development Tools/Processes**	**Frameworks/Libraries**	**DataBases**
JavaScript, TypeScript, HTML/CSS, Python, C++, Java, R, MATLAB, SQL, Excel	Visual Studio Code, IntelliJ, MySQL Workbench, PyCharm, GitHub, GitLab, Postman Api, AWS	React.js, Redux/Redux Toolkit, Node.js, Express.js, Bootstrap, Tailwindcss, Git	MySQL, MongoDB, PostgreSQL, Microsoft SQL Server, Big Query, DataGrip, SpreadSheet, Microsoft Excel, PGAdmin, Firebase