

# Johnbosco Muiruri

✉ Johnmuiruri352@gmail.com ☎ (832)-713-5324 📧 johnbossco.github.io in LinkedIn 🐙 Github

## SKILLS

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### Development Processes

Fullstack, CI Pipeline, API Integration, Unit Testing, Agile

### Languages

JavaScript, Python, C++ TypeScript, R, MATLAB

### Technologies/Frameworks

Node JS, Express.js, Bootstrap, Angular Django, Git,

### Libraries & APIs

jQuery, React JS, Redux, PokeAPI

## EDUCATION

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### Bachelor of Science in Tech Leadership Innov Mgmt, Minor in Mathematics

University of Houston

May 2025

### Associate of Science, Specialization: General

Houston Community College

May 2023

GPA: 3.143

## PROJECTS

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### Portfolio Website [🔗](#)

HTML, CSS, jQuery

May 2022

### Technical Document Page [🔗](#)

HTML, CSS

Aug 2022

- Designed a web page that gave informational tip and trips for coding language C++, and C

### Tribute Page [🔗](#)

HTML, CSS, JavaScript

Oct 2022

- Designed a tribute page for Michale Jordan.
- User can interact with Michale Jordan quote generator. Used built in Math Api to generate random quote.

### Pokédex [🔗](#)

Dec 2022

Javascript, React, Redux, PokéAPI

- Designed a real life Pokedex from pokemon
- Intergrated the PokéAPI to allow users to search name and number of pokemon, also shows information regarding the pokemon like type,weight,class and other information.

## COURSES

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### Calculus 2

- Covered integration techniques applications.
- Learned and Implemented sequences, series, and alternative coordinate systems.

### Linear Algebra

- Learned Branch of mathematics that deals with vector spaces and linear mappings between them.
- Covered the study of lines, planes, and their transformations.

### Discrete Mathematics

- Learned mathematics that focuses on countable, distinct, and separate objects and relationships.
- Implemented and covered solving problems in computer science and various other fields
- Learned Set Theory, Combinatorics, and Graph Theory

### Computer Organization & Architecture

- Studied and learned how computer hardware components work together to execute instructions and manage data
- Including the design and organization of processors, memory systems, and input/output devices.

### Programming and Data Structures

- Learned to design and implement algorithms and efficient data storage techniques to solve complex problems.
- Learned and implemented algorithm design, time and space complexity, and Software Development
- Other thing learned include dynamic programming, searching and sorting algorithms, and graph algorithms

## ORGANIZATIONS

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### NSBE

Aug 2023

National Society of Black Engineers

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.