

Milton Ngoma

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EDUCATION

Cullen College of Engineering | University of Houston

Bachelor of Computer Engineering Technology

Expected Graduation Date: **Dec 2027**

Houston Community College

Associate in Science of Computer Science

Major GPA: 3.2) **Dec 2024**

Honors & Awards: Dean's List (Summer 2024)

Relevant Coursework: *Programming Fundamentals in Python, Programming Fundamentals in Java, Object-Oriented Programming, Programming & Data Structures*

SKILLS

Web: HTML | CSS | JavaScript

Programmatic: Node.js | React.js | Git (Bash) | Systems Development Life Cycle | Agile Development | Python | Data Structures and Algorithms

Database: PostgreSQL

Languages: English, Portuguese, French and Spanish (Basic Level)

PROJECTS

Book Review Website

September 2025

Software Developer

- Built and developed a fully functional book review website that enables users to review and rate books, the goal was to strengthen my expertise in full stack development and the integration of database architecture for data retrieval and display.
- Developed the frontend using JavaScript, EJS, and CSS to build an interactive UI, and implemented the backend with PostgreSQL for data storage and retrieval, connected through custom API endpoints to ensure seamless user interaction.

The Roaster App

August 2025

Software Developer

- Developed a joke-generation platform with JavaScript, EJS, and CSS, integrating PostgreSQL to store and retrieve **20+ user-submitted jokes**, enabling dynamic content creation and retrieval in real-time.
- Drove Agile-based development, coordinating **2 feature iterations** with Git workflows to enhance performance and user experience.

US Map Quiz

August 2024

Data Analyst

- Developed an interactive U.S. state identification program using Python's Turtle graphics for visual display and leveraged Pandas to extract and map state coordinates from CSV data to apply data Manipulation & Data Visualization operations.
- The project was created to strengthen practical understanding of the Pandas library through real-world applications.

COMPETITIONS

Hack MISSO (PM prompt)

Rank: 3rd place

May 2025

Software Engineer

- Enhanced customer experience for a company by ensuring that their system was seamlessly integrated with the company's mobile app and providing consistent experience across platforms improving customer retention of about 15%.
- I also played the role of a Data Analyst and provided comprehensive insights into customer behavior and sales trends, enabling the company to make data-driven decisions for continuous improvement and improving sales by 5%.

EXPERIENCE

Barnes & Noble Education | Houston, Texas

August 2023 –December 2023

Retail Sales Associate

- Actively assisted with merchandise displays, ticket merchandise, and stocked shelves.
- Operated a cash register and generally assisted with day-to-day retail operations that contributed to a 8% improvement in customer service satisfaction.