

Milton Ngoma

2828 Hayes Rd • Houston, Texas, 77082 • mpngoma@cougarnet.uh.edu • 832-679-9262

Education

University of Houston

Houston, TX

Bachelor of Science in Computer Engineering Technology, Concentration: Software Design & Data Analysis

Relevant Coursework: Discrete Mathematics

Houston Community College

Houston, TX

Associate of Science in Computer Science.

Fall 2022 – Fall 2024

Relevant Coursework: Computing in python, Object-Oriented Programming, Programming and Data Structures

Skills & Interests

Programming: Python, Java, JavaScript, HTML, CSS

Frameworks: Django, React.js, Node.js

Technical/Programmatic: Data Structures and Algorithms

Language: English, Portuguese, French and Spanish (Basic)

Interests: Basketball, Tourism, Charity, Fitness

Technical Competitions

Hack MISSO PM prompt (Hackathon)

Houston, TX

Software Developer & Data Analyst Role

Spring 2025

- Goal: Enhancing Customer Experience for a company (EcoFresh Mart)
- Ensured the EcoEnhance system was seamlessly integrated with EcoFresh Mart's mobile app, providing consistent experience across platforms.
- Provided comprehensive insights into customer behavior and sales trends, enabling EcoFresh Mart to make data-driven decisions for continuous improvement.

Projects

Quiz Game (Using Python, Tkinter , Pandas & Trivia Database)

Link: [Quiz-Game](#)

- Allows the user to guess between true or false according to the question and keeps score of the correct answers.
- Made using an API endpoint to receive data from the Open Trivia Database and generate questions.
- The goal of making this game was to develop a better understanding of the Tkinter framework

Flash card application (Using Python, Pandas & Tkinter)

Link: [Flashcard App](#)

- Helps the user to learn the most frequently used words in the French vocabulary.
- Made with Tkinter for the Graphical User Interface and Pandas for data manipulation.
- The goal of this app was to build something useful to my day-to-day life and facilitate learning another language through spaced repetition.

US Map Quiz (Python & Pandas)

Link: [US-Map-Game](#)

- Allows users to guess and enter as many states in US as they can.
- Made with the Turtle library to display the name of the right states and Pandas to extract the right coordinates where to place their names from a csv file.
- The goal of making this game was to develop a better understanding of the Pandas library.

Experience

Barnes & Noble Education

Houston, TX

Retail Associate

Aug 2023 – Dec 2023

- Assisted customers, shelved books and stocked shelves.
- Assisted with merchandise displays, ticket merchandise, and inserted shelf tags
- Operated a cash register and generally assisted with day-to-day retail operations.