

# Corbin Moseman

## Computer Science Student

Houston, TX

281.967.4561  
[corbinm@pobox.com](mailto:corbinm@pobox.com)

[LinkedIn](#) • [GitHub](#)

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### Education

#### **University of Houston-Clear Lake / B.S. in Computer Science**

AUGUST 2025 - MAY 2028 (expected)

Relevant Coursework: Computer Science I (Python), Discrete Mathematics, Calculus I & II, Software Tools, Algorithms & Data Structures (in progress)

#### **Texas A&M University at Galveston**

AUGUST 2023 - MAY 2025

Completed foundational coursework prior to transferring.

### Skills

Python • Git • GitHub • OOP • Data Structures (Foundational)

REST APIs • FastAPI • SQLAlchemy • SQLite • JSON • Data Validation

### Experience

#### **Raising Cane's Chicken Fingers / Crew Member & Trainer**

JUNE 2021 - PRESENT

- Trained new team members on procedures, safety standards, and customer service expectations.
- Maintained accuracy and efficiency during high-volume periods while multitasking across stations.
- Communicated with managers and teammates to resolve issues and support smooth operations.
- Demonstrated leadership, reliability, and a strong work ethic across multiple responsibilities.

#### **South Texas Youth Soccer Association / Soccer Referee**

JULY 2018 - JUNE 2021

- Officiated youth soccer matches while ensuring safety, fairness, and rule compliance.
- Communicated decisions clearly to players, coaches, and parents in fast-paced environments.
- Developed strong conflict-resolution, quick decision-making, and leadership skills.

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## Projects

### Personal Expense Tracker (Python CLI)

Built a command-line tool to manage accounts, log transactions, and store financial data using JSON files. Implemented input validation, menu navigation, and persistent file I/O.

- **Technologies:** Python, JSON, File I/O, Data Structures

### Formula 1 Data Visualizer (Python CLI)

Developed a Python CLI application that retrieves Formula 1 race and driver data from a REST API and generates visualizations using Matplotlib. Implemented data parsing, sorting/filtering logic, and user-driven chart generation.

- **Technologies:** Python, REST APIs, Requests, JSON, Matplotlib

### MacroCoachAPI - Fitness & Nutrition Analytics Backend

Built a RESTful backend application to track daily bodyweight and macronutrient intake and generate actionable insights from historical data. Implemented relational data models, validation, and analytics logic for trend-based recommendations.

- **Technologies:** Python, FastAPI, SQLAlchemy, SQLite, REST APIs, Pydantic