

Makayla Lara

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Professional Summary

Goal-oriented Computer Science student who is passionate about designing and developing software. Most experienced in the languages of C++ and Python. Skilled in team-building and collaboration.

Education

Houston Community College

2021 – 2023

- AS in Computer Science
- Cum GPA: 3.840
- Graduated Highest Honors

University of Houston

2023 – Present

- BS in Computer Science
- Cum GPA: 3.769
- Relevant Coursework: Operating Systems, Data Structures, Computer Organization and Architecture, Algorithms and Data Structures, Data Science I.

Skills

Programming Languages: C++, Python, SQL, HTML, CSS, JavaScript, and Django.

Tools/Software: Visual Studio Code, Xcode, Jupyter, and Azure.

Experience

Mutts and Meows Rescue

2019 – Present

- Volunteer work focused on organizing and leading adoption events.
- Organizational and people skills developed.

Algebra Peer Tutor

2021 – 2022

- Community volunteer work to assist peers in succeeding in Algebra courses.
- Developed plans for students to follow, and had one-on-one online meetings for coursework review.

Projects

Databases Project

2024

- Designed UI and developed a database using the framework of a cell phone company.
- Gained experience in SQL queries, databases, and normalization.
- Tools Used: PostgreSQL, Python, and JavaScript

Software Design Project

2025

- Developed a web-app for users to fill out and sign forms. Implemented admin and manager privileges to delegate form approvals and signatures.
- Tools Used: HTML, JavaScript, Python, Django, SQLite, and Azure.

Certifications

Responsive Web Design Certification – freecodecamp

Relational Database Certification – freecodecamp

Foundations of Cybersecurity - coursera