Samuel Alvizo

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CAREER PROFILE

Driven computer science student with a foundation in programming, data structures, algorithms, and software development. Seeking challenging opportunities to apply my technical skills and grow as a software engineer. Committed to staying current with innovative software solutions and eager to uplift the Latino community through technology.

EDUCATION

The University of North Texas | Denton, Texas   Expected: May 2024
Bachelor of Science | Computer Science | ABET Accredited (Undergrad)   GPA: 3.66
Relevant Course Work: Data Structures & Algorithms | Computer Networks | System Programming

TECHNICAL SKILLS

Software: Visual Studio Code | Vim | Git | VMware Workstation | Microsoft Office Suite
Programming Languages: Python | C++ | C# | HTML/CSS | JavaScript
Hardware: Circuit Board Assembly & Soldering | PC Assembly & Maintenance | Welding Techniques |Raspberry Pi
Operating Systems: Windows |Linux (Kali, Fedora, Ubuntu) |MacOS |Android

ENGINEERING PROJECTS

Mean Green Deal: Mapping and Encouraging Recycling on Campus, Team Coordinator   Jan 2023 - Present
- Leading a 4-person team in creating a website using HTML, CSS, and JavaScript that displays the locations of all recycling bins on the UNT campus.
- Incorporating a ranking table to encourage recycling patterns within the 40,000+ student population.
- Utilizing support within the website to report which bins need assistance and maintenance.

Weather Web Application   Nov 2022
- Self-developed a web application that displays the current weather in Celsius and Fahrenheit.
- Entirely built with Python and utilized an API offered by OpenWeatherMap to acquire all data.
- Offered users a search bar to insert any city worldwide.

Personal Website   Mar 2023 - Present
- Conceptualized, designed, and programmed (HTML, CSS, and JavaScript) a dynamic personal website to showcase my progress as a software engineer, and to showcase my portfolio of projects.

Algorithm Visualizer   Feb 2023
- Developed an algorithm visualizer using Java. The visualizer brings to life some common algorithms, providing a unique way to understand to behavior and performance.

INTERNSHIP EXPERIENCE

UNT Student Money Management Center, Fall Intern   Oct 2021 - Dec 2021
- Created and maintained a podcast to assist students with managing college finances.
- Collected student spending patterns through an electronic survey.

Google, Computer Science Summer Institute   June 2018
- Delved into the intricacies of programming through hands-on opportunities offered by the Google team in Kirkland, Washington.