

Joe Cruz

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Education

Bachelor of Science, Computer Science. GPA: 3.846

Expected Graduation: May 2024

Honors College at Texas A&M University-Commerce - Commerce, TX.

Courses: Calculus II, Linear Algebra, Discrete Math, University Physics II, GLB/Ethics - Law & Cybersecurity, Technical Communication for Computing, App Software Project Development, Data Structures and Algorithms, Web Programming and Interface, Systems Analysis & Design, Database.

Activities: Executive Chair for the Student-Athlete Advisory Committee, Cross Country/Track Athlete, The National Society of Leadership and Success.

Hill College, Dual Credit. GPA: 3.8

Jan 2017 - May 2020

Credit hours earned: 30

Hillsboro High School. GPA: 4.53

Aug 2016 - May 2020

Hillsboro, TX

Class rank: 11 **Activities:** National Honor Society, Student Council-Member, SkillsUSA, FFA, Athletics.

Career Objective

I am currently in search of a spring/summer 2023 internship in order to further develop my programming and collaboration skills, as well as gain professional experience in a real-world working environment. With aspirations of becoming a software engineer/web developer for an innovative company, I bring forth a motivated attitude of a positive team member and the devotion to utilize my skills to further the mission of the company.

Projects

Portfolio Website – [Website](#)

Dec 2021

- Created a portfolio website with the assistance of HTML5UP while utilizing GitHub Pages and Visual Studio Code.

Stock Web Scraper

Dec 2021

- Created a stock scraper that collects data from a stock screener and displays the top stocks in any given category in real time i.e. top gainers/losers, most volatile, high volume. As well as transferring that data into a spreadsheet (csv file).

The Race Diary

Apr 2022

- Created a website that communicates with a database using SQL and PHP. The website can perform various queries with the database such as retrieving existing data, inserting data from user input, searching and deleting data.

Bank Database

May 2022

- Created a database using PHPmyadmin showcasing multiple PK/FK relations, ER diagrams, and 3NF normalization. The project demonstrated multiple SQL statements, which would then successfully communicate with an online website.

E-Commerce Store

In Progress

- As a team, currently creating a fully functional E-Commerce website in an agile development environment with a scrum framework. Expected completion date of Dec 2022, with the systems analysis and design component complete.

Skills & Interests

Programming Skills: Python, C++, C#, HTML, CSS, JavaScript, Java, SQL, PHP, Git, FastAPI, SQLAlchemy.

Other: Familiar with Oracle's virtual machine-based environment; GitHub for coding assignments; Blender's 3D graphic-modeling software; Ability to complete tasks with strict deadlines; Excellent time management skills; Proficient in Spanish

Interests: Software Development; Web Application Development; Data Structures & Algorithms; Machine Learning; Databases; Artificial intelligence; Stock Trading; 3D Modeling; Photography/Videography