

# 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

Hillsboro, TX.

30 Credit hours earned.

### 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.

### E-Commerce Store

In Progress

- As a team we are currently creating a fully functional E-Commerce website with an expected completion date of December 2022, already having 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 development environment; using GitHub for coding assignments & Github Pages; using Blender's 3D graphic-modeling software. Ability to work under pressure and 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