

FRANCISCO NAVA

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Computer Science student looking for an internship in Software Engineering or any computer related field for Summer 2023

EDUCATION

The University of Texas Rio Grande Valley
Bachelor of Science in Computer Science

Expected Graduation: May 2024
GPA: 3.46/4.0

South Texas College
Associates Degree in Interdisciplinary Studies

August 2016 – June 2020
GPA: 4.0/4.0

WORK EXPERIENCE

Edinburg Consolidated School District

Edinburg, Texas

Intern – Web Development Intern

September 2022 – Present

- Maintaining over 30 school websites by utilizing a content management system to update websites in both the front-end and back-end
- Learning and applying Structured Query Language to navigate through the district website's database
- Managing relations with every department to ensure their information on the website is always up to date
- Designing a website from scratch in the front and back-end for a new school being built.

The University of Texas Rio Grande Valley

Edinburg, Texas

IT Support – Student Academic Assistant

February 2022 – September 2022

- Analyzed & implemented a variety of scripts using multiple languages to access hidden or corrupt files
- Dissembled and examined different hardware components such as SSDs, M.2s, power supplies and motherboards for any problems
- Ran 3rd party software such as Linux, Ghost64, System Recovery, Legacy and Acronis to re-image, re-install and wipe different OS's
- Managed the BIOS and ran frequent security scans of podiums and lab computers to ensure that computer security was up to par

PROJECTS

Personal Websites

- Created a personal website using HTML, CSS, and Bootstrap 5 to showcase an individual's portfolio
- This project consists of managing and updating multiple personal websites to reflect any changes

IEEE Website

- Created an organization website using HTML and CSS that showcases the organization's information.
- Currently managing the front-end portion and plan on working on the back-end to hold student information in a database using SQL

Society of Hispanic Professional Engineers Website

- Helped maintain and manipulate the Html and CSS portion of the website for any desired changes.
- With the help of another member, we created a repository and published the website for others to see

Track Miles App

- A future project to create an app to track the number of miles driven by a bus driver and pay them for the distance
- Coded in C++, this app will be utilized by the entire district and will contain databases

Tic-Tac-Toe

- Created with C++, this project consists of classes, headers, arrays, etc., and utilizes user input to play the game
- Utilizes different case tests to check for coding errors and is the project that helped reinforce my working C++ knowledge

Word Counter

- Created using C++, this program receives a file and a dictionary file and outputs the total amount each word occurs along with any misspelled words that are not in the dictionary
- Utilizes methods, arrays, classes, header files, input and output files and more to improve C++ knowledge



COMPETITIONS

IEEE Coding Hackathon

- Competed in a 24-hour competition where my team placed 3rd in our university, 12th in region 5 and top 40% worldwide using C++

Nissan Design Challenge

- From the 100 applicants, only 24 were chosen to in a challenge to engineer an item to improve sustainability in electric vehicles

SKILLS

Languages: C++, HTML, CSS, Java, JavaScript, SQL, C#, Content Management System (CMS)

Software: Linux, MATLAB, AutoCAD, Idea IntelliJ, Jupyter Notebook, Visual Studios, XCode, GitHub, Raspberry Pi OS, .NET framework, Bootstrap 5