

# Diana Alvarez Sanchez

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## Education:

### **South Texas College**

Jan 2019-Dec 2022

Associate of Arts in Interdisciplinary Studies – earned during Early College High School

### **University of Texas Rio Grande Valley**

Aug 2022-Current

Bachelor of Science in Computer Science –expected graduation: May 2026

**GPA: 3.49/4.0**

## Skills:

### **Technical:**

- C++ - Python - Linux/Unix - HTML - CSS - Javascript

### **Non-Technical:**

- Fluent in Spanish & English
- Collaboration & Teamwork
- Proficient working under a fast-paced, team-driven environment
- Communication & Customer Service

## Current Courses:

### **Object Oriented Programming in Python**

-University of Texas Rio Grande Valley

Aug 2024-Current

### **Data Structures & Algorithms**

-University of Texas Rio Grande Valley

Aug 2024-Current

## Projects:

### **Personal Website**

-HTML, CSS, Javascript

Developed this personal website to serve as a portfolio in order to practice and showcase technical skills using HTML, CSS, and Javascript.(Found at the top of my resume.)

### **Autocompleter**

-C++

Worked on implementing an efficient autocomplete feature using an AVL tree data structure, retrieving the top 3 most frequent string completions based on user input, emphasizing algorithm optimization and data handling for enhanced user experience.

### **Tank Game**

-Python

Worked on implementing an efficient autocomplete feature using an AVL tree data structure, retrieving the top 3 most frequent string completions based on user input, emphasizing algorithm optimization and data handling for enhanced user experience.

### **Bank Account Management**

- Python

Worked on implementing an efficient autocomplete feature using an AVL tree data structure, retrieving the top 3 most frequent string completions based on user input, emphasizing algorithm optimization and data handling for enhanced user experience.

## Employment History:

### **Personal Shopper**

-H-E-B

Sep 2023-Current

Ensure timely order fulfillment by managing multiple orders simultaneously, meeting strict deadlines for curbside pickup.

Provide exceptional customer service by addressing customer inquiries, resolving issues promptly, and ensuring a positive shopping experience.