1601 Haverford Boulevard, Apt 201
Harlingen, TX 78552

CARLOS TORRES

(956) 264-4136
torresespinozacarlosdaniel@gmail.com
https://github.com/carlostorres18

RELEVANT COURSEWORK

Computer Science I & II   Spring 2023 – Fall 2023

- An introduction to computer science. The fundamentals of a high-level programming language will be introduced. Methods of problem-solving, techniques of algorithmic development, and concepts of procedural and object-oriented programming will be emphasized. Societal and social issues related to computer engineering will be introduced.
- Second programming course includes problem-solving by structured design; provides an introduction to elementary data structures, including linked lists, stacks, queues, trees, and graphs, and advanced programming techniques, including recursion, sorting, and searching.

Mathematical Foundations of CS

Fall 2024

- This course will teach the theory of data mining and machine learning. The class will emphasize two fundamental questions in data mining and machine learning --- classification and clustering. In addition, we will talk about several topics such as associate rule finding and deep learning.

Object-Oriented Programming in Java

Fall 2024
- The Java programming language and environment will be introduced with an emphasis on object-oriented programming. Application areas will include databases and game development, and topics will include control structures, classes, methods, inheritance, Java libraries, and packages. Objected-oriented aspects will include graphics, GUI, and exception handling.

EDUCATION

The University of Texas Rio Grande Valley

Edinburg, TX   August 2022 – Present
- Intended graduation date: May 2026
- GPA: 3.56
- Dean's List Fall 2022, Spring 2024
- President's List Spring 2023

TECHNICAL EXPERIENCE

Projects
- **Password Manager:** Personal Project, in which the user can save password and username for any website. 2 versions, one using a GUI and the other runs on the console. Python
- **Same Class, Same Major:** Personal Project, in which a user can be assigned to a classroom that has people in the same major as the class subject. C++
- **Dinosaur Game:** Game that resembles the Dinosaur Game from Google Chrome. Java

ADDITIONAL EXPERIENCE AND AWARDS

- **Dean's List:** A scholarly award for students who demonstrate academic excellence (Fall 2022, Spring 2024)
- **President's List:** A scholarly award for students who have a GPA of 4.0 that semester (Spring 2023)

Languages and Technologies

- C++ (Intermediate, 1 year)
- Java (Introductory, ~6 months)
- Python (Intermediate, 1 year)