Carlos Torres

1709 Aragon Dr, Unit A, Harlingen, Texas • (956)-264-4136 • torresespinozacarlosdaniel@gmail.com
https://carlostorres18.github.io/

Education

University of Texas Rio Grande Valley   Edinburg, Texas
Bachelor of Computer Science   December, 2026
GPA: 3.59

Relevant Coursework

Algorithms and Data Structures   Spring 2025
· Content includes theoretical topics in algorithmic efficiency and complexity, along with abstract data types, including graphs, networks, trees, and priority queues. Search topics, including hashing, trees, external search trees (B-trees), and sorting algorithms including external sorting are introduced and compared. Computational complexity topics include the class P and NP, NP-completeness and reducibility, NP-completeness proofs, and NP-complete problems.

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.

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
· **Dinosaur Game:** Game that resembles the Dinosaur game from Google Chrome. Java
· **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++
· **Personal Website:** Personal Website that shows personal updates and my interest. HTML/CSS

Languages and Technologies

· Java (Intermediate ~1 year)
· Python (Intermediate ~1 year)
· Ruby/Ruby on Rails (Introductory ~6 months)

Additional Skills and Awards/Experiences

Language Skills: Spanish, English
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).