

# Danny Sanchez

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## EDUCATION

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**The University of Texas Rio Grande Valley**

**Expected Jan 2025**

Bachelor of Science in Computer Science

Relevant Coursework: Computer Science Fundamentals(C++), OOP(Java), Unix/Linux,  
Discrete Mathematics, Data Structures & Algorithms

## PROJECTS

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### Bootcamp Portfolio

- <https://my-react-portfolio-dsp-2024.netlify.app/>

### First Game in JavaFx

- Coded in Java & JavaFx and used scene builder tool to build a game in 11 weeks
- Led team of 5 in creating scenes including coding objects that move in Visual Studio
- Project received 92% favorability

### Sorting and Searching

- Coded several sorting and searching algorithms in C++ to understand how they work

## SKILLS

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- Proficient at programming C++ and C language.
  - Moderately good at Java programming.
  - Proficient at HTML, CSS, Bootstrap, and JS DOM
  - Plenty of Experience with Node JS: express, mongoDB, mysql, CRUD operations, REST API's, jQuery, OOP (Object-Oriented Programming), ORM (Object Relational Mapping), MVC (Model View Controller), ODM (Object-Document Mapping), PWA (Progressive Web Applications), React, Apollo, GraphQL, MERN, and State.
  - Experience with Git Version Control
  - Fast learner, fond of learning new coding languages, good at working with others, like to plan & organize ahead of course, take notes, & most of all persistent.

## LEADERSHIP & EXTRACURRICULAR

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SHPE Member (Society of Hispanic Professional Engineers)

2022-Present

NSLS Member (National Society of Leadership and Success)

2022-Present

## Experience's

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- **Fall Front-end Development Course**, with [hq.globaltech.org](https://www.globaltech.org), **2023**  
I learned HTML, CSS, Bootstrap, and JS. We were handed real world problems to re-engineer existing websites.  
<https://www.credential.net/beb7fe1e-dac6-43c9-bd6f-8b1d2c714e03>  
<https://www.credential.net/d2bf36cb-cb9f-4944-9ac0-35e3e158ebad#gs.9pqjmz>  
<https://www.credential.net/7c5b78cb-11d2-45b6-bbc7-9f766e45de28#gs.9p9pn8>  
<https://www.credential.net/2a691cc4-9cfa-4edf-987d-4bdd5af45d8a>
- **UTSA Boot Camp**, 6 months of progressive learning **2023-2024**  
for Software Engineering, learning the basics and fundamentals for frontend and backend.