**CAREER OBJECTIVE**

**Seeking a position as a** Software Developer / Web Developer / System Analyst in the field of software/database analysis, development or design.

**EDUCATION**

**The University of Texas Rio Grande Valley,** Edinburg, TX GPA: 3.24

Bachelor of Science in Computer Engineering with Minor in Mathematics **Graduation Date: December 2017**

PROFESSIONALEXPERIENCE

**The University of Texas Rio Grande Valley,** Edinburg, TX  **September 2016**

CMPE Teaching Assistant

* Providing assistance to students in Computer Engineering classes. Help professors with grading and with tutoring through office hours.

**REU New Mexico State University Research Internship,** Las Cruces, NM **Summer 2016**

Research Assistant

* Chosen as 1 of 10 participants from a pool of 110 applicants of the Big Data REU funded by NSF.
* Worked under supervision on “Optimizing thin client caches for mobile cloud computing.”

**College 1st,** Edinburg, TX  **November 2015**

Computer Engineer Mentor

* Mentor Elementary and Junior High School students about the many Engineering careers/fields possible, by teaching them how we implement engineering in a daily basis.

**The University of Texas Rio Grande Valley,** Edinburg, TX **Feb 2015 – May 2016**

IT Service Desk

* Providing assistance through the phone to staff, faculty, and students by maintaining their UTRGV devices updated. Installing, and managing software, with the use of remote connection through Bomgar, and by using oracle as the database to access the accounts.

**Edinburg Housing Authority,** Edinburg, TX **June 2014 – August 2014**

IT Assistant

* Perform activities that lead to a better work environment such as; ensure that security protocols are in place, troubleshoot Computer Hardware and peripherals as needed, installation and update of Software.
* Assist imparting computer classes to kids of ages 8 and up, with the programming language scratch.

PROJECTS AND ASSOCIATIONS

**Sigur Odinson: the Fairy Collector,** Edinburg, TX **Spring 2016**

Game Development

* Worked with a team of four members: three programmers, one artist; to develop a creative game with Python using the helpful tool: Panda3D.

**Apocalyptic 3000,** Edinburg, TX **Spring 2016**

Game Development

* Worked with a team of three members: two programmers, one artist; to develop a creative game with Python, using PyGame.

**Hack and Make,** The University of Texas Rio Grande Valley **February 2016**

Organization - Secretary

**TamuHack Hackathon,** College Station, TX **October 2015**

Watch-Your-Appetite

* Created an application in less than 24 hours for the pebble watch using JavaScript, PHP, Google Maps and Yelp to get the locations of the most highly rated restaurants near your location and its comments.

**CodeRed Hackathon,** Houston, TX **April 2015**

Space Invaders

* Worked with a team in less than 24 hours by modifying the videogame “Space Invaders” code using a code friendly source, by implementing a “Leap Motion” so that the game responded to the commands given by the user’s hand.

**Forever Clothes,** Edinburg, TX **Fall 2015**

Database Design

* Worked with a team of 5 members to develop a database for a clothing store using Python for the User Interface and localhost/phpmyadmin with MySQL.

**Gallery Drive,** Edinburg, TX **Fall 2015**

Internet Programming

* Worked with a team of 3 members to implement web development skills learned throughout the course. Website designed with the use of the PHP framework Laravel.

ACADEMIC SKILLS

**Mathematics:** College Algebra, Calculus I, Calculus II, Physics I, Physics II, Probability and Statistics, Differential Equations.

**Miscellaneous:** Computer Skills, Telephone Skills, Typing, Organization, Time Management, Verbal Communication, PC Proficiency, Problem Solving, Computer Troubleshooting.

**Coursework:** Operating Systems, Systems Programming, Internet Programming, Data Structures, Game Development, Database Design and Implementation.

**Programming Languages and Technology:** C++ <advanced level>, HTML, JAVA, JAVASCRIPT (JQUERY), C, MYSQL, PHP (LARAVEL), Python (PYGAME, PANDA3D).

**Languages:** Fluent in Spanish and English (read, write and speak).