

Christian M. Duarte
McAllen, TX.
christian.duartevela01@utrgv.edu

Objective:

Obtain an entry level position in which I can apply my education and learn new skills.

Education:

The University of Texas Rio Grande Valley (UTRGV) Previously UTPA/ Edinburg, TX

B.S. Computer Science – GPA: 3.92

Expected Graduation: December 2017

Awards

- Dean's List (4 semesters), Presidents List(Spring 2016)
- Who's Who Among Students in American Universities Spring 2015

Courses

- Software Engineering: In a group, gathered user's requirements and created a User Interface Mock Up for UTRGV's Medical School Student Advising program.
- Systems Programming: Created an assembler program. Implemented in C.

Work Experience:

Technical Analyst (Internship) Tyson Foods/ Springdale, AR Summer 2015

- End to End application testing
- Ran test and performed defect resolutions
- Quality checking and writing of testing scenarios and functional documents.
- Acquired team work and communication skills in a corporate environment.

Technical Staff Center for Excellence in STEM Education/ Edinburg, TX August 2016 – Present

- Promote resources and careers available to K-12 and undergraduate students in the STEM fields through presentations, hands on activities, and community events.
- Provide Software and Hardware equipment support to guest speakers.

Tutor South Texas College/ McAllen, TX August 2013-Present

- Assist students with any class related concerns in the subjects of Math, Computer Science, and Microsoft Applications.
- Tutoring approach aimed to produce independent learners.

Skills:

Computer Languages: C++, C# (1 semester), C (1 semester)

Operating Systems: Windows, Ubuntu

Software: Visual Studio 2013, Microsoft Office

Fluent Languages: Spanish, and English (read, write, speak, analyze)

Research at UTRGV:

Vaccination Model: Howard Hughes Medical Institute Summer 2016

Summer Research Grant Program, with on campus professional development workshops.

- Mathematical model and simulation to understand the factors that make parents accept or reject a vaccination for their children.
- C++ implementation of a graph data structure that simulated households.

Diabetes Model: Presented at UTPAs PACE Bioethics Conference Summer 2014

- Math model to classify patients as diabetic type 1 or 2, or pre-diabetic medical conditions.

Activities at UTRGV:

- Society for the Advancement of Chicanos and Native American Scientists(SACNAS)/*Vice President* Fall 2015
- Association for Computing Machinery (ACM)/*Member* Fall 2014