

Jesus David Rodriguez

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Objective

Seeking an internship or job position in IT, Software Development, Machine Learning Research, Web Development, Game Design/Game Development fields.

Education

The University of Texas Rio Grande Valley, Edinburg, Texas
Bachelor of Science in Computer Science

Overall GPA: 3.52 | Major GPA: 3.55
Expected Graduation: December 2016

Awards:

Dean's List

Spring 2015 - Present

Experience

Teaching Assistant - CMPE/CSCI, the UTRGV | Edinburg, Texas

September 2016 – Present

Assist CMPE and CSCI Lecture Professor with lecture and lab tasks to help students understand better the course material.

Tutor - U-PREP Program, the UTRGV | Edinburg, Texas

May 2016 – July 2016

Math Tutor for the following courses: College Algebra, Pre-Calculus, Calculus, Probability and Statistics.

Sales Rep/ Graphic Designer, Freelance Designer | Hidalgo, Texas

June 2011 – September 2013

Freelancing designs for various local businesses, and provided design work for LEO Chips in RGV as under my Dad's work.

Projects

Ethical Hacking – Penetration Test: We conducted a penetration test on a real client to find system vulnerabilities and reported to the client at the end of our test all the issues in a fully detailed paper on how to reproduce and fix the issues.

Cryptocurrency Enterprise System, Software Engineering: We built an enterprise system in a team project to tackle down issues involved in cryptocurrency transactions in order to make a safer area for people to trade between cryptocurrency and other currencies.

Monster Survival, ACM Game Dev – Game Showcase: Built a 2D game in Unity3D to showcase to members of the organization and new programmer-students the process of game designing and game development.

FoxTrail, Game Development: FoxTrail is a multiplayer game, developed in PANDA3D engine, and aided by pygame libraries to supply external mechanics. FoxTrail is a (FPS) multiplayer Split-Screen game, where the users play as Foxes in a futuristic setting, the point of the game is to shoot your way to victory by staying alive.

Associations

Association of Computer Machinery, Member

Fall 2014 - Present

Hack && Make, Member

Fall 2015 - Present

Skills

Programming: C++ C#, C, Java, JavaScript/HTML/CSS, SQL, Python, R, MATLAB

Software: Microsoft Office, 3ds Max, Blender, Adobe Photoshop, Illustrator and Dreamweaver. Microsoft Visual Studio, Sublime Text, XCode, Netbeans, IntelliJ IDEs, Android Studio, Oracle, MySQL and the use of Virtual Machines.

Operating Systems: Windows 10/8.1/8/7/Vista/XP, MAC OS X, Linux.

Game Designer/Developer: Unity3d Engine, Valve's Hammer Editor, Pygame, Panda3D.

Languages: Bilingual in Spanish and English (write, speak, analyze reading).

Social Media

GitHub: <https://github.com/jesusdrodriguez/>

Linkedin: <https://www.linkedin.com/in/jesus-rodriguez-3a68b0117>