

MICHAEL PEREZ

Phone: 401-442-2252 | Email: mp6630@rit.edu
Address: 6 Allen ave. North Providence, RI 02911
GitHub: perezsaint

Accomplishments

- Developed a plugin that give users the opportunity to use the BlenderVR application in the terminal of Linux computers.
- Developed a Xamarin (Android, Iphone, and Windows phone) application for an energy management system
- Demonstrated ability to be dependable, hard working, reliable, and punctual.
- Developed an Android application that connects to a system with a blue-tooth receiver to turn on, off, and dim electrical lights.
- Resourceful in many computer systems, such as Linux, Windows, or Mac.

Skills

Programming

- C#, C, JAVA, Python, Visual Basic, and PIC's Assembler.
- Some Ruby and C++

Electronics

- Knowledgeable in Digital electronics and using semiconductors.
- Excellent manual PCB designing skills with Altium.
- Knowledgeable in Analog electronics.

Languages

- Advanced Spanish
- Advanced English

Computers

- Fluent using the Linux terminal
- Fast-learner to new technologies.
- good skills in Mobile development using JAVA for Android and Xamarin for Android, Iphone, and Windows Phone.
- Experience using blender

Work Experience

INTERN - Brown University Center For Computing and Visualization Department - PROVIDENCE, RI - June, 2015 - Present

I imported the blendervr project to Brown's world-known immersive virtual reality system the YURT. I had to create Virtual Reality Private Network(VRPN) drivers, written in C++, for some devices like the EEESTick. I tested a full body tracking system and troubleshooted the compatibility with the Blendervr module. Also, I had to write a plugin in Python for Blendervr. the plugin was an alternate mode that lets users start simulations without using their Graphical User Interface.

INTERN - Megsoft Consulting - SANTO DOMINGO, D.R. - May, 2014 - August, 2014

Me and another intern developed an energy management project that used a mobile application to keep track of the consumption of a house. We used our knowledge in the programming and electronics departments.

Education

B.S. COMPUTER SCIENCE - Rochester Institute of Technology - Rochester, New York - 2016-2019

TECHNICAL HIGH SCHOOL IN ELECTRONICS - ITESA - Santo Domingo, Dominican Republic - 2010-2014

- Specialization: Digital Logic and Micro-controllers.

I had my class best senior GPA with a 3.8. In High School, I was exposed to design and fabrication of Project Circuit Boards

(PCB), digital and analog electronic circuits, C programming, and Micro-controllers programming.

COMPUTER SCIENCE - COMMUNITY COLLEGE OF RHODE ISLAND - Lincoln, Rhode Island - 2014-2016

- GPA: 3.89

Honors: Phi Theta Kappa Student

