

Jose Ramirez-Villa

Ramirezju@vcu.edu | (434) 409-6202 | 1200 W Marshall St. Apt #243A, Richmond, VA 23220

[in linkedin.com/in/ramirezju17](https://www.linkedin.com/in/ramirezju17) | github.com/jsayram

Objective

Determined recent graduate with substantial software, networking, hardware, programming, and analytical skills seeking entry level position

Education

Virginia Commonwealth University (VCU), Richmond, VA

Graduated May 2017

Bachelor of Science in Computer Engineering

Relevant courses:

Development/Programming: •Software Engineering •MIPS/ARM Assembly Programming •VHDL •Embedded Systems Programming

Computer Engineering: •Digital Logic •Digital Systems •Computer Organization & Design •Integrated System Design

Electrical Engineering: •Electrical Circuits •Power System Analysis •Microelectronics •Signals & Systems •Microfabrication

Professional/Business: •Economics of Product Development •Speech for business and professionals' •Macroeconomics

Piedmont Virginia Community College (PVCC), Charlottesville, VA

Graduated May 2013

Associates of Science in Computer Science

Career Studies Certificate in Computer and Network Support Technologies

CTE -Career & technical education program for job training:

•Data Warehousing Specialist •Entry-Level Network Technician •Network Support Specialist •Telecommunication Specialist

Skills

Technical: •iOS/Android Mobile Development •Web Development •Assembly Language •Support technologies

•Networks •Information Technology •Film/photography •Testing •PC repair

Software: •Android Studio •Xcode •MatLab •Multisim •AutoCad Electrical •Xilinx ISE •RX Logix 5000 •Microsoft office Suite

•Google Sketch-Up •Adobe production suite

Language/Soft: •Fluent in written and spoken Spanish and English •7+ years Customer Service •Social Media

Accomplishments

• **Sternheimer award** – A highly prestigious award and grant of \$1800 given for exhibiting outstanding innovation and entrepreneurship on (RAMS) Senior Capstone Project

• **ACE Mentor (Architecture, Construction, & Engineering) award** - Implement a 3D building design concept and received recognition as most value team member for outstanding work. Received a money scholarship award of \$500

Relevant Experience

VCU Senior Capstone Project

Fall 2016 – Spring 2017

Remote Aerial Mapping Spectrometer (RAMS) – Sponsored by NASA Langley Research center

Team of four Engineers designed a low size, light weight environmental monitoring system that is to be mounted on a UAV

Task Include: • Design •Budgeting •Specifications •Implementation •Time management •sponsor meetings & presentations

Technology Includes: •C/C++ programming •3D modeling for 3D printed parts •Ocean Optics -STS-VIS Spectrometer

• LIDAR-Lite v3 optical distance sensor •3 axis Brushless gimbal w/ motors •Pro gimbal controller &IMU

Jewett Automation

April 2015 – August 2015

Controls Engineer (Summer Internship)

•Updated and modified existing AutoCAD Electrical drawings for projects

• Setup and implemented Keyence IV-Series Vision Sensors

• Collaborated in modifying existing RSLogix5000, Compact Logix PLC programs to adapt to client needs

• Programmed Allen Bradley (HMI - Human machine interfaces)

Freelance Computer Tech Support & Developer

January 2008 – Current

•Work with hardware, software, and networks technologies making sure to always practice proper safety procedures