JUAN M.ORTIZ RODRÍGUEZ

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"A software developer whose goal is to be a leader distinguished by his innovation."

SOFTWARE DEVELOPMENT EXPERIENCE
Wyncode Academy, Miami Beach, FL (2016-Present)

Current student at Wyncode Academy. Wyncode teaches object-oriented web development using Ruby and the Ruby on Rails framework, alongside JavaScript, jQuery, HTML and CSS.

Programming Languages: **Ruby, JavaScript, HTML, CSS**, **C/C++, Java**, **Python**.

Frameworks: **Ruby on Rails, JQuery, HighCharts, D3, Bootstrap**

Technologies: **OOP, Git, Command Line, Agile, Heroku**

Databases: **PostgreSQL, MySQL**

Ruby Gems: **bCrypt, Nokogiri, HTTParty, OmniAuth**

OS Platforms: **Microsoft Windows, Mac OSX**

OS/Productivity: **MS Word, Excel, PowerPoint, Google Docs**

TECHNICAL EXPERIENCE

Experience with **assembly language and embedded microprocessors**. Use of specialized equipment (**oscilloscopes, multimeters**). Ability to **develop schematics**.

EDUCATION
B.Sc. in Hardware Computer Engineering - University of Puerto Rico, Mayagüez Campus
May, 2011

PROFESSIONAL EXPERIENCE

Operator, Hewlett-Packard Corporation, Aguadilla, PR   2013-2015
Manage ink-filling system. Blend chemical components and verify completion process. Introduction of data into SAP system and preparation of reports of completed tasks.

Project Specialist, Governor's Authorized Representative (GAR), Government of Puerto Rico, San Juan, PR   2011-2012
Responsible for visiting damaged structural sites. Perform assessments of structural damage in specific assigned locations. Examine damages and estimate costs of repairs using project worksheets. Prepare daily reports of each official assignment for further grant of federal funds. Communicate with applicants to inform decisions.

STUDENT EXPERIENCE

OnPet - Final Graduation Project, University of Puerto Rico, Mayaguez Campus, Mayaguez, PR   2011
Responsible for programming a microprocessor to work with a GPS module on a pet's collar. Development of a webpage where the pet's owner could access and track the pet's location.