Carlos N. Andreu

CONTACT INFORMATION	carlos.andreu@upr.edu (787) 516-0993
OBJECTIVE	To acquire an entry-level position that will help me improve my skills and knowledge as a computer engineer while serving as an asset to my employer.

SKILLS

App Development	Web Development	Project Direction
Talent for building applications for Windows, Mac OSX, Linux and Android.	Ability to create, manage and enhance interactive and secure web applications.	Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

TECHNICAL

Java	HTML	Mac OSX
Python	CSS	Windows XP/Vista/7
Ruby	JavaScript (JQuery)	Linux / Android
C	PHP	Shell (Bash)
Assembly	SQL	Git/Hg/Svn

WORK EXPERIENCE

Verizon Wireless — *Network Operation Center Intern* — **Summer 2011**

Monitored and remotely debugged routers on Verizon's voice and data network for potential outages and worked with other technicians to resolve the issues expediently. Based on data mining and analysis, proposed and presented a web application to consolidate network information into a central repository.

CIEL — *Web Developer* — **2010-2011**

Web developer, designer and administrator for group of marine biologists and anthropologists. Advised employer on operating system optimization and website administration. Helped with issues and upgrades pertinent to hardware, software and networking.

SeaGrant — *System Administrator* — **2009-2010**

Worked with computers running: GNU/Linux, Windows and OSX. Diagnosed and fixed hardware and software errors. Ensured the wired and wireless network continued to run safely and efficiently. Made sure they had a backup plan so they did not lose critical data.

RESEARCH

Verizon Wireless Task Manager — *Android Application Developer* — **2011**

Built a Task Manager Application utilizing Java and the Android SDK to list and kill running programs on an Android-based smartphone.

Versatile Service-Oriented Wireless Mesh Network — *Network Engineer* — **2011**

Worked with existing 802.11 technologies to build an efficient and self-healing wireless mesh network.

AWARDS

Reto 2.0 2011 Award Winner — *Web Developer* — **2011**

A competition sponsored by IBM, HP and Microsoft. My team built http://enterar.me which roughly translates to: learn. The goal of the site is to have a single view of news events that are happening around me and being shared by my friends.

PERSONAL PROJECTS

Yet Another Professor Rating — *Web Developer* — **2011**

Yapr.org fills a need for students from the University of Puerto Rico to talk about their professors and rate them on difficulty and learnability.

KiloMetro7 — *Android Developer* — **2011**

Worked on an Android application capable of reporting holes on the road and acts of vandalism.

EDUCATION

University of Puerto Rico — *Bayamon / Mayaguez* — **2006-2008 / 2008-Present**

Major: Computer Engineering   **Graduation Date:** Dec. 2011   **GPA:** 3.36/4.00

MORE

Detailed descriptions, pictures and videos of my work: www.dev.yapr.org/carlosandreu