

Gabriel J. Prez Irizarry

CONTACT INFORMATION

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OBJECTIVE

To expand my software development skills and experience with a Master's degree in Computer Science at a University with good opportunities for entrepreneurial development.

SKILLS

Systems Development

Talent for working with large existing code bases and development of complex software systems.

Web Development

Ability to create, manage and enhance interactive and secure web applications.

Project Direction

Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

TECHNICAL

Java
Python
C and C++
Bash

PHP
x86 Assembly
Emacs
Eclipse
Git/Hg/Svn

GNU/Linux
Mac OS X
Windows XP/Vista/7
Android

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