**Education**

**Computer Science** **B.S. at University of Puerto Rico – Rio Piedras Campus**

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| * **GPA: 3.30** | * Expected Graduation Date: **May 2014** |

**Work Experience**

**Software Engineer at Verizon Wireless, New Jersey** Summer 2012

* Designed & implemented an intuitive parser that is able to code autonomously
* Automated the testing up to 75% with the parser
* Simulated all front-end clients with automated requests generated from the parser

**Computer Engineer Co-Op at Johnson & Johnson CPW, New Jersey** Jan 2011 to June 2011

* Developed a wireless, autonomous and device agnostic testing interface for 8 prototypes
* Developed self-governing and intuitive robotics algorithms reducing human error by 100%
* Parallelized a spectroscopy algorithm to run up to 100%

**Software Developer at Computer Research Lab in UPR – Mayagüez** Jan 2010 to Jan 2012

* **Project manager** using ARG methodology
* Parallelized algorithms improving their speed up to 300% in some cases

**Software Engineer at CyberShare, University of Texas, El Paso** Summer 2010

* Parallelized/optimized seismic tomography algorithms increasing speed up to 50%

**Software Engineer Co-Op at Ethicon, Inc, San Lorenzo** Jan 2010 to May 2010

* Mentored 15 students for the FIRST Robotics Competition
* Designed a control system that enabled a robot to play soccer autonomously

**Entrepreneurship**

**Co-Founder & Advertising Manager at Roomba Traxx** June 2011 to Present

* Incremented publicity up to **2300%** in two months
* Developed an **Open-Source** advertising tool

**Recent Honors and Awards**

Programming Competition at UPR Ponce – 2nd place (2011)

Microsoft’s Imagine Cup Regional – 3rd place (2011)

Motorola Quality Award (2011)

**Memberships and Activities**

Selected for Procter & Gamble’s Emerging Leaders in IT Experience (2012)

Presented research poster, Research and Industrial Collaboration Conference (2011)

Presented research poster, Computing Alliance for Hispanic Serving Institutions Conference (2011)

Presented research poster, University of Texas, El Paso (2010)

Volunteer at UPRM Robotics Laboratory (2010)

**Skills**

Programming languages & tools: **Java**, C/C++, Python, **nodejs**, **MongoDB**, Git, HTTP, JSON, Javascript

Exposed: C#, SQL, CSS, HTML, XML, Foursquare API

Technical knowledge: PaaS (OpenShift & nodejitsu), Android, Six Sigma, Computer Hardware, Photoshop, LabVIEW, Matlab and SolidWorks

**Personal Interests and Passions**

Programming, Career Building Research, Advertising Techniques/Trends