

Yamil Asusta-Santos

(787)-586-3172

github.com/elbuo8

yamil.asusta@upr.edu

Education

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

- GPA: 3.30
- Expected Graduation Date: May 2014

Work Experience

Software Developer at Verizon Wireless, New Jersey

Summer 2012

- Designed a intuitive parser that is able to code autonomously
- Automated 85% of testing with 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

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#, MySQL, CSS, HTML, XML, DB2, Foursquare API

Technical knowledge: PaaS (OpenShift & nodejitsu), Android, Six Sigma, Computer Hardware,

Photoshop, LabVIEW, Matlab and SolidWorks

Interests

Programming, Career Building, Advertising Techniques/Trends