**Yamil Asusta**-**Santos**  
**(787)-586-3172 yamil.asusta@upr.edu**

**Objective**

Obtain a summer internship opportunity related to Computer Science.

**Education**

University of Puerto Rico – Rio Piedras Campus **GPA: 3.20**

* Pursuing a Bachelor of Science in **Computer Science**.
* Expected Graduation Date: **May 2014**

**Work Experience**

**Entrepreneur**

**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 for four member using ARG methodology in Computing Research Lab
* Parallelized algorithms improving their speed up to 300% in some cases
* Published in three posters at different conferences

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

* Optimized a seismic tomography algorithm to run 50% faster
* Parallelized algorithms in GPU increasing speed up to 25%

**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 the robot to play soccer autonomously

**Volunteer at Robotics Laboratory at UPR – Mayagüez** Jan 2010 to May 2010

* Optimized wireless communication interface for robots simulating the RoboCup competition

**Honors and Awards**

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

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

Motorola Quality Award (2011)

Regional winner in Vex Robotics Competition (2010)

Rookie All-Star Award and Website Excellence Award in FIRST Robotics Competition (2009)

**Memberships and Activities**

Licensed Open Water Scuba Diver (2011)

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)

**Skills**

Programming and scripting languages: C/C++, CUDA, Java, LabVIEW, Matlab, MongoDB, jQuery

Exposed: C#, Javascript, MySQL, CSS, Python, HTML

Technical knowledge: Six Sigma, Computer Hardware, Photoshop, and SolidWorks