

Yamil Asusta-Santos

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EDUCATION

Computer Science B.S.	University of Puerto Rico - Rio Piedras	
• Major GPA: 3.60	• GPA: 3.30	Graduation Date: May 2014

WORK EXPERIENCE

Software Engineer Intern	Verizon Wireless, New Jersey	Summer 2012
• Designed & implemented an intuitive parser that is able to produce code autonomously		
• Automated the testing of API's up to 75% with the parser		
• Simulated all front-end clients with automated requests generated from the parser		
Computer Engineer Co-op	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%		
Software Developer	Computer Research Lab in UPRM	Jan 2010 to Jan 2012
• Parallelized algorithms improving their speed up to 300% in some cases		
Software Engineer	CyberShare, University of Texas	Summer 2010
• Parallelized/optimized seismic tomography algorithms increasing speed up to 50%		
Software Engineer Co-op	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		

TECHNICAL EXPERIENCE

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- Developed a mobile application where users communicate based on location (node.js, mongoDB)
 - Designed & implemented an open-sourced email based advertising platform (Java)
 - Maintainer & developer of Foursquare Venues module in npm (node.js, Foursquare API)
 - Designed & developed a parallel Search Engine for movies (C++, pthreads)
 - Implemented a Visual BattleShip & Sliding Puzzle games for class projects (Java, mongoDB)
 - Developed & published a multi-XSD generator for sample XML files (XML/XSD, Java)
 - Open-Sourced scrappers, scripts & tools (Java, Python, mongoDB, node.js)

LANGUAGES, FRAMEWORKS & TOOLS

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|-----------|----------|--------------|----------------------------|
| • Java | • C/C++ | • node.js | • CoffeeScript/JavaScript |
| • Python | • HTTP | • JSON | • Backbone MVC |
| • XML/XSD | • HTML | • MongoDB | • PaaS(Heroku & nodejitsu) |
| • Git | • jQuery | • Handlebars | • AWS (EC2, S3) |

RECENT ACTIVITIES

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- Organized the first official Hackathon in Puerto Rico (2012)
 - First Intern at a Blimp (Startup) in Puerto Rico (2012)
 - Winner of Startup Weekend in Puerto Rico (2012)
 - Hacker Rank & Verizon Wireless Student Ambassador (2012)
 - Selected for Procter & Gamble's Emerging Leaders in IT Experience (2012)
 - Programming Competition at UPR Ponce - 2nd place (2011)
 - Microsoft's Imagine Cup Regional - 3rd place (2011)
 - Presented research posters at RICC, CAHSI & UTEP(2010-2011)