

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 Developer Intern

Blimp, Puerto Rico

Sept 2012 – Dec 2012

- Implemented email notifications, payment management, image manipulation & page views counter
- Fixed several bugs including the image uploading system

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

- Designed a control system that enabled a robot to play soccer autonomously

TECHNICAL EXPERIENCE

- Developed a web service that organizes photo sharing (node.js, mongoDB, Twitter/Facebook/Dropbox API)
- Developed a mobile application where users communicate based on location (node.js, mongoDB)
- Maintainer & developer of Foursquare & TTS modules 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 scrapers, scripts & tools (Java, Python, mongoDB, node.js)

LANGUAGES, FRAMEWORKS & TOOLS

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|-----------|-------------|-----------|----------------------------------|
| • Java | • C/C++ | • node.js | • CoffeeScript/JavaScript/jQuery |
| • Python | • Parse API | • Git | • AWS (EC2, S3) |
| • XML/XSD | • HTML/CSS | • mongoDB | • PaaS(Heroku & nodejitsu) |

RECENT ACTIVITIES

- Co-Organized the first official Hackathon 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)