Daniel Sanchez

Term Address: 460 Beacon St, Boston, MA

Permanent Address: 2 Hillwood Ct, Thiells, NY

Phone: 845-323-8619

Website: dsan.scripts.mit.edu/dsan

Email: dsan@mit.edu

Education

Massachusetts Institute of Technology | September 2012 – Present | GPA: 4.1/5.0 | Major GPA: 4.1/5.0
- Candidate for B.S in Computer Science, expected June 2016
- Relevant Coursework: Software Studio, Design and Analysis of Algorithms, Intro to Machine Learning, Artificial Intelligence, Computer System Engineering ,User Interface Design and Implementation, Creating Video Games
- Activities: MIT Symphony Orchestra, MIT DanceTroupe, MIT Movementality

North Rockland High School | September 2009 – June 2012 | GPA: 99.38/100
- Activities: Team captain of varsity tennis team, soloist and first chair (2nd violin) for school orchestra

Experience

AT&T (Formerly DIRECTV) | Software Engineer Intern | June 2015 – August 2015
- Developed a Formula1 racing application to be used as interactive interface on set-top box
- Implemented Java web servlet for retrieving data, and parsed XML data to JSON to be stored in MongoDB
- Gained a unique front-end development experience; only remote control interaction (no mouse), small memory limit on set-top box, many libraries (i.e. jQuery) not supported
- Front End: HTML, SASS for CSS, JavaScript, Google Closure
- Back End: Java, XStream, Maven, Gson, MongoDB

ClearSlide | Software Engineer Intern | June 2014 – August 2014
- Wrote dynamic, modular, and scalable front-end code
- Used SQL queries for backend data management
- Front End: HTML, CSS, JavaScript, jQuery, Bootstrap, Angular.js
- Back End: Java Servlets, MySQL Database

Nu Delta | Webmaster | January 2013 – Present
- Developed current Nu Delta website from start to finish; continue to update it over time
- Node.js application using express framework
- Technologies Used: HTML, CSS, JavaScript, jQuery, Bootstrap, Angular.js, Node.js, NanoScroller.js

MITx (edX) | Web Developer | June 2013 - October 2013
- Developed web-based educational prototype tools for potential further development through MITx
- Front End: HTML, CSS, JavaScript, jQuery, Bootstrap, YouTube API, Merriam-Webster API, node.js
- Back End: Parse.com

Skills

Computer Science
- Programming & OS: JavaScript(Proficient), Java(Intermediate), Python(Intermediate), UNIX (familiar)
- Web Dev: HTML(Proficient), CSS(Proficient), jQuery(Proficient), Node.js, Angular.js, Bootstrap, d3.js, Google Maps API, YouTube API, Merriam Webster API

Graphic Design
- Intermediate with Adobe After Effects to create icons, logos, and posters

Motion Graphics and Visual Effects
- Intermediate with Adobe After Effects for video-related motion graphics and visual effects

Interests

Hip-hop dance and breakdance, motion graphics/VFX, graphic design, origami, tennis, violin, programming