Daniel Sanchez

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Education

Massachusetts Institute of Technology (MIT) | September 2012 – June 2016
- o Candidate for Master of Engineering in Computer Science • *Expected February 2018*
- o Bachelor of Science in Computer Science • GPA: 4.1/5.0 • *June 2016*
- o **Concentration:** Graphics and Human-Computer Interfaces
- o **Relevant Coursework:** Software Studio (6.170), Design and Analysis of Algorithms (6.046), Intro to Machine Learning, Artificial Intelligence, Computer System Engineering, User Interface Design and Implementation, Creating Video Games

Work Experience

TigerText | *Software Engineer Intern* | June 2016 – August 2016
- o Won 1st place at the intern hackathon by integrating Google Calendar into web chat
- o Developed AngularJS application prototype for a simplified web registration flow
- o Decreased page load time of web console by changing the way a resource was retrieved
- o **Technologies Used:** HTML, SASS, JavaScript, Bootstrap, AngularJS, KnockoutJS, AWS s3

AT&T (Formerly DIRECTV) | *Software Engineer Intern* | June 2015 – August 2015
- o Improved user experience for F1 racing fans by developing application for viewing racing data from TV
- o Implemented Java web servlet for retrieving and parsing XML data to JSON to be stored in MongoDB
- o Created user interface and wrote front-end logic that controlled user interaction and data retrieval
- o **Technologies Used:** HTML, SASS, JavaScript, Google Closure, Java, XStream, Maven, Gson, MongoDB

ClearSlide | *Software Engineer Intern* | June 2014 – August 2014
- o Implemented 2 new features that were merged into production code
- o Improved efficiency of finding lead forms with lead form preview
- o Increased incentive for users to fill out pitch recaps with homepage pitch recaps
- o **Technologies Used:** HTML, CSS, JavaScript, jQuery, Bootstrap, AngularJS, Java Servlets, MySQL Database

MITx (edX) | *Undergraduate Researcher* | June 2013 - October 2013
- o Developed prototypes for web-based educational tools to facilitate learning in various MITx courses
- o Communicated with course instructors to make sure the learning tool had maximal impact on students
- o **Technologies Used:** HTML, CSS, JavaScript, jQuery, Bootstrap, Node.js, Parse.com

Teaching Experience

6.00 Intro to Computer Science & Programming | *Teaching Assistant* | September 2016 – Present
- o Led weekly recitation sections of ~35 students. Walked through problems relevant to lecture material, reinforced concepts students were struggling to understand, and answered questions from students
- o Offered 1 on 1 help for students in weekly office hour sections

MIT Dance Troupe | *Choreographer* | February 2016 – May 2016
- o Created and taught original choreography to a group of ~40 people
- o Responsible for making sure dancers were showing up to weekly practice sessions, and that they were ready to perform for the end of year show
- o Led office hour sections where dancers could come and ask for clarifications and extra practice for parts of the choreography

Skills, Activities & Interests

- o **Skills:** HTML, CSS, JavaScript, JQuery, Node.js, AngularJS, Python, Java, C++, UNIX
- o **Activities:** Violinist, MIT Symphony Orchestra • Hip hop dancer & Choreographer, MIT Dance Troupe • Hip hop dancer, MIT MoveMENtality • Webmaster, Nu Delta Fraternity
- o **Interests:** Hip-hop dance and breakdance, photography, graphic design, origami, tennis