

Daniel Sanchez

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Education

Massachusetts Institute of Technology (MIT) | September 2012 – Present

- Candidate for Master of Engineering in Computer Science • GPA: 4.5/5.0 • *Expected December 2017*
- Bachelor of Science in Computer Science • GPA: 4.1/5.0 • *June 2016*
- **Thesis:** Adding Filtering and Sorting to the Mavo Framework for End User Web Application Authoring
- **Expected Concentration(s):** Graphics and Human-Computer Interfaces, Artificial Intelligence
- **Relevant Coursework:** Distributed Computer Systems Engineering, 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

Experience

Google | *Software Engineer Intern* | May 2017 – Present

- Developed a dashboard for Transcoder Regression that aggregates videos with similar differences between the staging and testing environments, allowing YouTube on-call workers to more easily identify issues in the transcoding process
- **Technologies Used:** HTML, CSS, JavaScript, Polymer, SQL, Python, Flask

TigerText | *Software Engineer Intern* | June 2016 – August 2016, January 2017

- Won 1st place at the intern hackathon by integrating Google Calendar into web chat
- Developed AngularJS application prototype for a simplified web registration flow
- Decreased page load time of web console by changing the way a resource was retrieved
- **Technologies Used:** HTML, SASS, JavaScript (ES6), Bootstrap, AngularJS, KnockoutJS, AWS s3, ReactJS

Intro to Computer Science & Programming | *Teaching Assistant* | September 2016 – December 2016

- 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
- Offered 1 on 1 help for students in weekly office hour sections

AT&T (Formerly DIRECTV) | *Software Engineer Intern* | June 2015 – August 2015

- Improved user experience for F1 racing fans by developing application for viewing racing data from TV
- Implemented Java web servlet for retrieving and parsing XML data to JSON to be stored in MongoDB
- Created user interface and wrote front-end logic that controlled user interaction and data retrieval
- **Technologies Used:** HTML, SASS, JavaScript, Google Closure, Java, XStream, Maven, Gson, MongoDB

ClearSlide | *Software Engineer Intern* | June 2014 – August 2014

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

MITx (edX) | *Undergraduate Researcher* | June 2013 - October 2013

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

Skills, Activities & Interests

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