

MAX LANCASTER

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EDUCATION

Massachusetts Institute of Technology, Cambridge, Massachusetts *Expected: June 2018*
B.S. in Computer Science & Engineering
Relevant Coursework: *Software Construction, Introduction to Algorithms, Computer Systems Engineering, User Interface Design and Implementation, Computation Structures, Math for Computer Science, Introduction to Electrical Engineering and Computer Science, Differential Equations, Multivariable Calculus*
Attleboro High School, Attleboro, Massachusetts *June 2014*
High School Diploma

TECHNICAL STRENGTHS

Linguistics	Fluent in English, Proficient Reading, Writing and Speaking in Spanish
Programming	Java, Python, HTML/CSS, JavaScript, jQuery, Bash, Microsoft Office, L ^A T _E X
Operating Systems	UNIX, Linux, Windows 95 - 8, Android
Frameworks	Node.js, KineticJS, KonvaJS

WORK & VOLUNTEER

Salesforce.com *May, 2016 - August, 2016*
Intern, Software Engineering *San Francisco, CA*

- Migrated one of Salesforce's security team's functional test suite from Selenium RC to WebDriver
- Used a three-tier architecture model to build test suites for Salesforce's App Launcher and other features

Scheller Teacher Education Lab *June, 2015 - Present*
Undergraduate Researcher *Cambridge, MA*

- Worked as an undergraduate researcher on a block-based coding language called Gameblox
- Integrated the Box2D physics engine to improve the physics-capabilities of user-made games
- Developed and improved Gameblox mobile app for users to play games on mobile devices.

MIT Mobile Autonomous Systems Laboratory *January, 2015*
Participant *Cambridge, MA*

- Designed, built and iterated on mobile autonomous robot to efficiently accomplish predefined task for competition
- Collaborated with team of three other students over month-long project
- Awarded 4 th place out of 10 competitors

MIT Discover Mechanical Engineering *September, 2014*
Participant *Cambridge, MA*

- Worked individually to create user-controlled, soccer-playing robot

ACTIVITIES

Phi Beta Epsilon Fraternity *September, 2014 - Present*
Brother *Cambridge, MA*

MIT Varsity Baseball *September, 2014 - Present*
Infielder *Cambridge, MA*

Attleboro School Committee *September, 2013 - June, 2014*
Student Representative *Attleboro, MA*

- Served as sole student liaison to school committee, representing 6,000 students in Attleboro School District