

MAX LANCASTER

(508) · 216 · 6651 ◊ mlancast@mit.edu ◊ maxlancaster.me
400 Memorial Drive ◊ Cambridge, MA 02139

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, Bootstrap, KonvaJS

WORK & VOLUNTEER

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

- Migrated one of Salesforce's security team's functional test suite from Selenium RC to WebDriver
- Redesigned the test suites for Salesforce's App Launcher and other features to support a MVC architecture

Scheller Teacher Education Lab *Undergraduate Researcher* June, 2015 - Present
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 *Participant* January, 2015
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 *Participant* September, 2014
Cambridge, MA

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

ACTIVITIES

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

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

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

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