

# Karleigh J. Moore

SOFTWARE ENGINEER · WRITER

Cambridge, MA

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## Education

### Massachusetts Institute of Technology

Cambridge, MA

M.ENG.IN COMPUTER SCIENCE AND ELECTRICAL ENGINEERING

Sept. 2017 - Exp Jan. 2019

Concentration in Artificial Intelligence

### Massachusetts Institute of Technology

Cambridge, MA

B.S. IN COMPUTER SCIENCE AND ENGINEERING AND COMPARATIVE MEDIA STUDIES

Sept. 2012 - June. 2017

Relevant Coursework

- Software Studio | Software Construction | Artificial Intelligence | Fundamentals of Programming | User Interface Design and Implementation
- Intro to Algorithms | Computability, Complexity, and Autonomata | Computation Structures | Computer System Engineering | Human Intelligence Enterprise

GPA: 4.5/5.0

## Skills

**Programming** Python, HTML5, CSS, jQuery, Javascript, Git, UNIX Command Line, Java

**Design** Ethnography, Prototyping, User Testing, UI/UX, Visual Design

**Communication** Writing, Editing, Public Speaking, Teaching, Journalism, Reporting

## Projects

### EatSafe

MIT

USER INTERFACE DESIGN AND IMPLEMENTATION 6.813 PROJECT (TEAM OF 4)

Spring 2017

- Designed a functioning front-end UI for a recipe conversion app for users with food allergies.
- Wrote front-end code using JavaScript/jQuery, HTML, and CSS.
- Focuses design on usability, learnability, safety, accessibility, and other design principles.
- Conducted multiple rounds of prototyping and user testing.

### Scheduler WebApp for Pax Populi

MIT

CODE FOR GOOD 6.S187 PROJECT (TEAM OF 4)

Jan 2017

- Worked with an education non-profit Pax Populi to build a scheduling web app to create user profiles and schedule tutor-student video calls.
- Wrote server-side code using Node.js, MongoDB, and Express.js.
- Wrote client-side code using Angular.js, Handlebars, HTML, and CSS.

### StitchHub

MIT

6.170 SOFTWARE STUDIO FINAL PROJECT (TEAM OF 4)

Fall 2017

- Used Node.js, Express.js, JavaScript, MongoDB, and HTML/CSS to create a web app for designing and sharing knitting patterns.

## Experience

### Electrical Engineering and Computer Science Department, MIT

Cambridge, MA

TEACHING ASSISTANT FOR 6.009 FUNDAMENTALS OF PROGRAMMING (FORMER LAB ASSISTANT, SPRING 2017)

Sept. 2017 - PRESENT

- Holds office hours to help students with weekly programming assignments in Python and to provide feedback and grades on submitted work.
- Tests weekly lab assignments.

### The Tech (MIT campus newspaper)

Cambridge, MA

NEWS EDITOR (FORMER SENIOR EDITOR, ARTS EDITOR)

Sept. 2013 - PRESENT

- Edit writing of approximately 15 writers to publish 3-5 articles per week, reaching 21,000 readers.
- Lead meetings, recruit, and train new writers and editors.
- Write campus news articles and conduct interviews with MIT administrators.

### Harvard Berkman Klein Center for Internet + Society

Cambridge, MA

YOUTH AND MEDIA/ARTIFICIAL INTELLIGENCE RESEARCH INTERN

June - July 2017

- Team lead for Artificial Intelligence learning experience project.
- Wrote educational materials about AI topics intended for non-technical audiences.

### Brilliant (STEM education startup with 4 million users)

Worked Remotely

MATH AND SCIENCE WRITING INTERN

Mar. 2016 - Aug. 2016

- Wrote 60+ educational computer science wiki pages and practice problems used by students of all ages.
- Provided feedback and peer reviewed other writers' pages on a weekly basis.