

Karleigh J. Moore

SOFTWARE ENGINEER · WRITER

Cambridge, MA

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Education

Massachusetts Institute of Technology

Cambridge, MA

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

Sept. 2012 - Exp. June. 2017

Relevant Coursework

- Software Studio | Software Construction | Artificial Intelligence | Fundamentals of Programming | User Interface Design and Implementation
- Intro to Algorithms | Computability, Complexity, and Autonomia | Computation Structures | Computer System Engineering | Human Intelligence Enterprise
- Digital Humanities | Visual Design | Applying Media Technologies | Technology and Culture | Intro to Media Studies | Management Lab

GPA: 4.6/5.0

Skills

Skilled Python, HTML5, CSS

Competent Express.js, Node.js, jQuery, MongoDB(Mongoose), JavaScript, Git

Basic Angular.js, Java, UNIX Command Line

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 a local 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, and MongoDB to create the backend for web app to design and share knitting patterns.
- Designed user interface using CSS and HTML.

Experience

The Tech (MIT campus newspaper)

Cambridge, MA

SENIOR 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 school administrators.

Electrical Engineering and Computer Science Department, MIT

Cambridge, MA

LABORATORY ASSISTANT FOR 6.009 FUNDAMENTALS OF PROGRAMMING

Feb. 2017 - Apr. 2017

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

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.

Creative Communities Initiative, MIT

Cambridge, MA

UNDERGRADUATE RESEARCHER

Oct. 2014 - Aug. 2016

- Conducted ethnographic and data-driven research to study the role of online streaming TV in online fan communities.
- Created a post scraper in Python using Tumblr's API to collect tag data for analysis.

- Led over 100 campus tours to approximately 1,500 visitors and prospective students.