

Karleigh J. Moore

SOFTWARE ENGINEER · WRITER

Cambridge, MA

☎ 617-388-8354 | ✉ kjmoore@mit.edu | 🏠 kar-moore.github.io | 📱 [kar-moore](#) | 🌐 [karleighmoore](#)

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 Autonomy | 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

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

Electrical Engineering and Computer Science Department, MIT

Cambridge, MA

LABORATORY ASSISTANT FOR 6.009 FUNDAMENTALS OF PROGRAMMING

Feb. 2017 - PRESENT

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

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.

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.

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.

MIT Information Office

Cambridge, MA

TOUR GUIDE

Jan. 2015 - Aug. 2016

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