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 Autonoma | 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: 4.5/5.0

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

Harvard Berkman Klein Center for Internet + Society   *Cambridge, MA*

YOUTH AND MEDIA/ARTIFICIAL INTELLIGENCE RESEARCH INTERN   *Summer 2017*

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

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.

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.