

Karleigh J. Moore

SOFTWARE ENGINEER · WRITER

Cambridge, MA

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Education

Massachusetts Institute of Technology

Cambridge, MA

CANDIDATE FOR MASTERS OF ENGINEERING IN COMPUTER SCIENCE AND ELECTRICAL ENGINEERING

Sept. 2017 - Exp June 2019

- Concentration: Artificial Intelligence
- Thesis “Designing and implementing an open-source college newsroom software toolkit”

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 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: 4.5/5.0

Skills

Programming	Python, HTML5, CSS, jQuery, Javascript, Full Stack Web Development, Git, UNIX Command Line
Design	Ethnography, Prototyping, User Testing, UI/UX, User-centered Design, Visual Design
Communication	Writing, Editing, Public Speaking, Teaching, Journalism, Reporting, Leadership, Marketing, Social Media

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, and 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.

Leadership

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 around 15 office hours a week to help students with weekly programming assignments in Python
- Provide feedback and grades on students' code.
- Coordinates schedules for staffing hours for approximately 60 lab assistants and teaching assistants.

The Tech (MIT campus newspaper)

Cambridge, MA

CHAIRMAN

Sept. 2017 - PRESENT

- Oversees the operations of the newspaper, with a staff of 130 and 14 departments, as its Chief Executive Officer.
- Led recruitment efforts that increased The Tech's staff size by 30% in 2017.
- Launched an advertisement and marketing initiative that increased our 2017 revenue by more than 40%.

The Tech (MIT campus newspaper)

Cambridge, MA

NEWS EDITOR (FORMER SENIOR EDITOR, ARTS EDITOR)

Sept. 2013 - Sept. 2017

- 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 (TEAM LEAD)

June - July 2017

- Designed 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.