

# CHARLIE J. MOORE

SOFTWARE ENGINEER | WRITER



## EDUCATION

2012  
|  
2017

### B.S. in Computer Science and Engineering and Comparative Media Studies

Massachusetts Institute of Technology  
GPA: 4.5/5.0

📍 Cambridge, MA

Coursework in software engineering, user interface design, algorithms, + media studies.



## LEADERSHIP + WORK EXPERIENCE

Sept.  
2017  
|  
Present

### Chairman

The Tech (MIT student newspaper)

📍 Cambridge, MA

- Oversees the operations of the newspaper and its staff of ~130. Directly manages a staff of ~20 editors and 14 departments as the paper's 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%.

Sept.  
2017  
|  
May  
2018

### Teaching Assistant for 6.009 Fundamentals of Programming

Electrical Engineering and Computer Science Department, MIT

📍 Cambridge, MA

- Held ~15 office hours a week to help and provide feedback to students on weekly programming assignments in Python.
- Coordinated schedules for staffing hours for ~60 lab and teaching assistants.

Sept.  
2013  
|  
Sept.  
2017

### News Editor (former Senior Editor, Arts Editor)

The Tech (MIT student newspaper)

📍 Cambridge, MA

- Edited writing of ~15 writers to publish ~5 articles per week, reaching ~21,000 readers.
- Led meetings, recruited, and trained new writers and editors.

June  
2017  
|  
July  
2017

### Youth and Media + Artificial Intelligence Research Intern (Team lead)

Harvard Berkman Klein Center for Internet + Society

📍 Cambridge, MA

- Designed educational materials about AI topics intended for non-technical audiences.

Mar.  
2016  
|  
Aug.  
2016

### Math and Science Writing Intern

Brilliant.org (STEM education startup with 4 million users)

📍 Worked remotely

- 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.



## PROJECTS

Jan.  
2018  
|  
Present

### Google Drive-based college newsroom software toolkit

The Tech (MIT student newspaper)

📍 Cambridge, MA

- Automating creation of files/folders/documents central to newsroom workflow.
- Implementing a light-weight Google Drive based invoicing and bookkeeping system.
- Using Google's Drive/Sheets/Docs APIs and JavaScript/HTML/CSS.

Spring  
2017

### EatSafe

User Interface Design and Implementation 6.813 Project (team of 4)

📍 MIT

- 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.
- Focused design on usability, learnability, safety, accessibility, and other design principles.
- Conducted multiple rounds of prototyping and user testing.

Jan.  
2017

### Scheduler WebApp for Pax Populi

Code for Good 6.S187 Project (team of 4)

📍 MIT

- 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.

Fall 2017

### StitchHub

6.170 Software Studio Final Project (team of 4)

📍 MIT

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

## CONTACT INFO

🌐 [www.charlie.codes](http://www.charlie.codes)  
✉ [moorejchar@gmail.com](mailto:moorejchar@gmail.com)  
☎ 617-388-8354  
👤 charliemj

## SKILLS

### </> Software (several projects)

Python  
HTML5 + CSS  
JavaScript + jQuery  
git  
UNIX command line

### </> Software (1-2 projects)

Java  
Full-stack Web Development  
MongoDB  
Node.js + Express.js

### 🗣 Communication

Writing + Editing  
Teaching + Educational Writing  
Public Speaking  
Journalism + Reporting  
Social Media

### 🎨 Design

UI/UX  
User Testing  
Prototyping  
User-centered Design  
Ethnography  
Visual Design