CHARLIE J. MOORE

SOFTWARE ENGINEER | WRITER

CONTACT INFO

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🎓 EDUCATION

2012
|
2017

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

Massachusetts Institute of Technology 📍 Cambridge, MA

GPA: 4.5/5.0

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 14 departments and ~20 editors 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.

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