

TERI CHADBOURNE

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SOFTWARE ENGINEER

Experienced front-end web developer, developer advocate, and open-source project maintainer with a passion for education. Insightful thinker, skilled communicator, and flexible problem solver, known for driving projects to successful completion. MS in Computer Science candidate at Northeastern University, currently seeking full-time software engineering internships for Spring and Summer 2023.

Featured technical projects and talks at teri.dev

TECHNICAL SKILLS

Languages & Libraries	JavaScript, Java, Python, C, Ruby, TypeScript, Handlebars, Jade/Pug, JSON, HTML5, CSS3
Technologies	Offline First, Progressive Web Apps, Service Workers, NoSQL, DBaaS, Decentralized Web
Frameworks	Vue.js, VuePress, React, Ember, Angular, Node.js, Express, Ruby on Rails
Databases	MongoDB, Apache CouchDB, IBM Cloudant, PouchDB, IndexedDB, PostgreSQL
Tools & Testing	Git, GitHub, CLI Development, Cypress, Jest, Mocha

PROFESSIONAL EXPERIENCE

NORTHEASTERN UNIVERSITY, Boston, MA

2022

Graduate Teaching Assistant, Intensive Foundations of Computer Science

Led weekly lab centered on Python programming challenges, provided feedback on code for 50+ graduate students new to the field, and offered one-on-one support and debugging through office hours and tutoring.

PROTOCOL LABS, Remote

2018 to 2021

Front-End Web Developer | Product Manager

2020 to 2021

Led web development, content design, and community growth strategy for ProtoSchool, a learning platform and educational community teaching decentralized web concepts and protocols online and at local events worldwide.

- Identified and prioritized development needs for the ProtoSchool website, a Vue.js single-page application featuring beginner-friendly tutorials on IPFS and related projects, with embedded JavaScript code challenges.
- Implemented embedded user surveys and event tracking to provide metrics including user satisfaction and tutorial completion rates, guiding curriculum development and user interface improvements.
- Developed user-friendly command-line interface to enable non-coders to build ProtoSchool tutorials.
- Replatformed Filecoin documentation site to VuePress and authored tutorial on previously undocumented concepts, interviewing engineers to resolve differing opinions and surface friction in onboarding process.
- Supervised senior full-stack developer and managed issues and PRs from 47 open-source contributors.

Front-End Web Developer | Community Manager

2018 to 2020

Launched ProtoSchool website and educational community with global network of local event leaders.

- Overhauled website for public launch; improved learner experience by developing new features such as local caching of user progress, file upload component, multiple-choice quizzes, and course filtering.
- Authored text-based tutorials on DWeb concepts and in-browser coding challenges on IPFS API methods.

IBM, Cambridge, MA

2014 to 2018

Developer Advocate | Events Lead

2016 to 2018

Nurtured growing Offline First community through camp-style unconferences, blogs, videos, social media, code samples, tutorials, and talks. Determined event sponsorship and execution strategy for Developer Advocacy team of IBM Watson and Cloud Platform, connecting marketing teams with demo content for live developer events.

- Promoted Offline First development approach to prospective IBM Cloudant users by building Progressive Web Apps, writing beginner-friendly tutorials and documentation, and presenting at conferences and meetups.
- Built growing Offline First community of web developers, UX professionals, and business leaders by co-organizing Offline Camp, a series of uniquely impactful 30-person tech retreats.
- Fostered community growth by editing and writing blog posts for Offline Camp Medium publication, recruiting past campers and volunteers to author session summaries and related articles on Offline First technology.
- Strengthened team's reach by organizing mentorships, training sessions, and periodic evaluation for 7 interns.

Community Engagement Program Manager | Event Marketing Manager

2014 to 2016

Introduced prospective customers to open-source Apache CouchDB™ and NoSQL Database-as-a-Service (DBaaS) IBM Cloudant by organizing tradeshow presence and developer workshops during Cloudant's acquisition by IBM.

WELLESLEY INFORMATION SERVICES, dba FUTURE INSIGHTS, Dedham MA

2012-2014

Senior Event Manager

Planned 9 conferences annually for audiences of 150-800 web designers and developers throughout US and Europe, including Future of Web Apps and Future of Web Design. *6 years prior experience managing tech events.*

TECHNICAL TRAINING**Master of Science (MS) in Computer Science**, Northeastern University, *GPA 4.0**expected 2024*

Completed courses on discrete mathematics; computer science fundamentals in Python; object-oriented design with Java; computer systems, data structures, and algorithms implemented in C; and divide-and-conquer algorithms, greedy strategies, dynamic programming, and graph traversals. Upcoming coursework in human-computer interaction, user interface design, and Android mobile app development.

Front-End Web Development Graduate Certificate, Harvard Extension School, *GPA 4.0*

2020

Graduate coursework exploring single-page web applications (SPAs) with Vue.js; modular design patterns with React; and full-stack web app development with Node.js, MongoDB, Express, Angular, TypeScript, and Jade/Pug.

Mobile Web Specialist Nanodegree, Udacity

2018

240-hour online course on building accessible, responsive, performant, and offline-capable mobile web apps.

Full-Stack Web Development Certificate, General Assembly

2018

12-week full-time immersive bootcamp exploring full-stack web development through project-based work including full-stack application development with Node.js, Express, MongoDB, and Ember.js; back-end development and data storage with Ruby on Rails and PostgreSQL; front-end web development with JavaScript, jQuery, Handlebars, Bootstrap, HTML5, CSS3, and Sass; and version control and collaboration with Git and GitHub.

Front-End Web Development Certificate, General Assembly

2017

10-week part-time course on front-end web development, including responsive web design with HTML5 and CSS3, DOM manipulation with JavaScript and jQuery, and third-party API access with AJAX and JSON.

EDUCATION**Bachelor of Arts (BA)**, American Literature and Spanish, Education (Minor), Middlebury College, *GPA 3.88*