TERI CHADBOURNE | SOFTWARE ENGINEER

Boston, MA | teri@teri.dev | 857-626-6205 | Available: May - December 2023
Portfolio: teri.dev | GitHub: github.com/terichadbourne | LinkedIn: linkedin.com/in/TeriChadbourne

EDUCATION

Master of Science (MS), **Computer Science**, Northeastern University, *GPA 3.9*   Expected: May 2024
Graduate Certificate, **Front-End Web Development**, Harvard Extension School, *GPA 4.0*
Bachelor of Arts (BA), American Literature and Spanish, Education (Minor), Middlebury College, *GPA 3.9*

SKILLS

Languages & Libraries	JavaScript, Java, Python, C, Ruby, JSON, HTML5, CSS3
Technologies	Offline First, Progressive Web Apps, Mobile App Development on Android, NoSQL, DBaaS
Frameworks	Vue.js, VuePress, React, Ember, Angular, Node.js, Express, Ruby on Rails
Databases	MongoDB, Apache CouchDB, IBM Cloudant, PouchDB, IndexedDB, SQL, PostgreSQL
Tools & Testing	Git, GitHub, Android Studio, CLI Development, Cypress, Jest, Mocha
Certificates	Mobile Web Specialist, Full-Stack Web Development, Front-End Web Development

WORK EXPERIENCE

Graduate Teaching Assistant: Intensive Foundations of Computer Science   **2022**
Northeastern University | *Boston, MA*
Taught 50+ graduate students new to software engineering, leading weekly labs centered on **Python** programming challenges, providing detailed code reviews, and offering one-on-one tutoring and debugging assistance.

Front-End Web Developer | Product Manager | Community Manager   **2018 to 2021**
Protocol Labs | *Remote*
Directed 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 events worldwide.

- Overhauled and launched the **ProtoSchool** website, a **Vue.js single-page application** (SPA) with embedded **JavaScript** coding challenges, featuring beginner-friendly tutorials on content addressing, IPFS, and related projects.
- Improved learner experience by designing and developing new features such as local caching of user progress, file upload component, multiple-choice quizzes, course filtering, and command-line tools for creating new tutorials.
- Replatformed Filecoin documentation site to **VuePress** and authored a 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.

Developer Advocate   **2016 to 2018**
IBM | *Cambridge, MA*
Demonstrated the Offline First development approach to prospective IBM Cloudant users by building Progressive Web Apps, writing beginner-friendly tutorials and documentation, and speaking at conferences and meetups.

- Co-organized Offline Camp, a series of tech retreats for web developers and UX professionals in the Offline First community.
- Presented talks on Progressive Web Apps at Node+JS Interactive, We RISE Tech Conference, Women Who Code, and WaffleJS.

PROJECTS

Wear the Weather – an **Android mobile app** that suggests outfits based on weather forecast and user preferences   **2022**
- Designed and built native app in **Java** using location sensors, **Room** and **Retrofit** libraries, **Firebase**, and an external weather API.

Offline First Project Manager – a **Progressive Web App** built in **JavaScript** for team collaboration on flaky networks   **2017**
- Created client-side app using **PouchDB** for offline storage, **CouchDB** to sync data, and **service workers** for caching.

Additional projects, talks, and tutorials at: teri.dev

ACTIVITIES

- Co-organizer and emcee for Global Diversity CFP Day, preparing underrepresented folks in tech to become conference speakers
- Member of Rewriting the Code, Women Who Code, and Society of Women Engineers (SWE)