

Brittany Chiang

Experienced front-end software engineer focused on building accessible digital experiences

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Relevant Experience

Lead Engineer, **Upstatement** Mar 2022 — Present

Senior Engineer Sept 2020 — Mar 2022

Engineer May 2018 — Sept 2020

- Deliver high-quality, robust production code for a diverse array of projects for clients including Harvard Business School, Everytown for Gun Safety, Pratt Institute, Koala Health, Vanderbilt University, The 19th News, and more
- Work alongside creative directors to lead the research, development, and architecture of technical solutions to fulfill business requirements
- Collaborate with designers, project managers, and other engineers to transform creative concepts into production realities for clients and stakeholders
- Provide leadership within engineering department through close collaboration, knowledge shares, and mentorship
- Lead and facilitate company-wide accessibility initiatives such as technical documentation of best practices and screen reader training

UI Engineer Co-op, **Apple** July — Dec 2017

- Developed and styled interactive web applications for Apple Music using Ember and SCSS
- Built and shipped the Apple Music Extension for Facebook Messenger leveraging third-party and internal API integrations
- Architected and implemented the user interface of Apple Music's embeddable web player widget for in-browser user authorization and full song playback
- Contributed extensively to the creation of MusicKit JS, a public-facing JavaScript SDK for embedding Apple Music players into web applications

Developer, **Scout Studio** Spring 2016 & 2017

- Collaborated with other student designers and engineers on pro-bono projects to create new brands, design systems, and websites for organizations in the community
- Built and delivered technical solutions according to stakeholder business requirements

Software Engineer Co-op, **Starry** July — Dec 2016

- Engineered and improved major features of Starry's customer-facing Android web app using ES6, Handlebars, Backbone, Marionette, and CSS
- Proposed and implemented scalable solutions to issues identified with cloud services and applications responsible for communicating with the Starry Station internet router
- Collaborated with designers and other developers to ensure thoughtful and consistent user experiences across Starry's iOS and Android mobile apps

Creative Technologist Co-op, **MullenLowe U.S.** July — Dec 2015

- Developed, maintained, and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, and jQuery
- Performed quality assurance tests on various sites to ensure cross-browser compatibility and mobile responsiveness
- Clients included JetBlue, Lovesac, U.S. Cellular, U.S. Department of Defense, and more

Skills

Programming Languages

JavaScript, TypeScript, HTML, Twig, Nunjucks, CSS, Sass, PHP

Libraries & Frameworks

React, Next.js, Gatsby, React Native, Eleventy, Ruby on Rails, Tailwind, Timber

Tools & Platforms

Git, GitHub, Netlify, Vercel, Heroku, WordPress, Docker, Webpack, Algolia, Firebase, Storybook, Figma

Selected Projects

Build a Spotify Connected App

Video course that teaches how to build an app with the Spotify Web API. Topics covered include the principles of REST APIs, user auth flows, Node, Express, React, Styled Components, and more

Halcyon VS Code Theme

Dark blue theme for Visual Studio Code with 100k+ installs

brittanychiang.com (v4)

Personal website built with Gatsby with 6k+ stars and 3k+ forks

Education

Northeastern University

Bachelor of Science in Information Science
Human Computer Interaction Concentration
Interaction & Experience Design Minors

Interests

Climbing, snowboarding, science fiction novels, web accessibility