

Brandon H. Rowe

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Skills

Proficient: JavaScript, Python, React, React Hooks, Redux, Node, HTML, CSS/SCSS, Git, Express, PostgreSQL, Sequelize, video.js/Brightcove Player, Jest, Bash, Automator, FFmpeg, Adobe Creative Suites
Familiar: TypeScript, Webpack, GraphQL, Apollo, Django, SQL, Heroku, Mocha, Chai, Cheerio, Cron

Projects

AMC Webapp | *AMC Networks* | amc.com | sundancetv.com | bbcamerica.com | ifc.com | wetr.com

- Web application to render out all of AMC Networks' platform websites from a single source, including AMC, SundanceTV, BBCAmerica, IFC, and WeTV.
- I wrote React code/SCSS styling for components, as well as architected the structure for the data to various pages. I co-authored middleware to drastically cut down on requests per page; additionally, I led development of the Video Player implementation with the Brightcove Player.
- *Stack: React/React Hooks, Brightcove Studio/video.js, SCSS, Node, JavaScript, Express, Handlebars, Cheerio*

Bloom Writing | bloom-writing.herokuapp.com | github.com/brandonhrowe/bloom-writing

- Creative writing app that generates random prompts and suggested sentences for users through WordsAPI, Sentencer, and Compromise natural language processing library.
- *Stack: Node, Express, React, Redux, PostgreSQL, Sequelize, Compromise, Sentencer, WordsAPI, CKEditor*

Simmer | simmer.brook.li | github.com/1902cs-indigo-oscar/Simmer

- Progressive Web App that allows users to bookmark recipes from third-party sites through Chrome extension and access on- and off-line.
- I implemented web scraping with Cheerio and Search/Recommendation styling and functionality.
- *Stack: Node, Express, React, Redux, PostgreSQL, Sequelize, Cheerio, Request-Promise, Bulma*

The Big Splice | thebigsplice.com | github.com/brandonhrowe/the-big-splice

- Lets users create old-fashioned, film-noir collages by assembling clips selected from the Internet Archive API and encoded with FFmpeg.
- *Stack: Python, Django, React, PostgreSQL, FFmpeg, Internet Archive API, React Sortable HOC*

Experience

AMC Networks | Frontend Engineer I

November 2019-present

- Led development of video player implementation using Brightcove Player
- Built out web application to host multiple websites from a single React repository
- Co-authored content compiling middleware to reduce number and length of frontend calls
- Guided multiple teams in workflows/design systems for page manifest logic
- Created automation scripts to streamline development workflows and cut manual processes

Fullstack Academy of Code

• Software Engineering Mentor

October 2020-February 2021

- Provided guidance to recent bootcamp graduate with their job application process
- Conducted mock technical interviews with mentee to sharpen their skills

• Software Engineering Teaching Fellow

May 2019-September 2019

- Mentored ~40 software-engineer students on Node.js, React and other JavaScript libraries
- Led algorithm reviews and interviewed student candidates and vet their technical abilities
- Acted as scrum master for senior-phase group projects

Prime Focus Technologies | Post-Production Technician

May 2017-January 2019

- Coded scripts to automate workflows using Bash and FFmpeg, speeding up processes by 500%
- Managed/updated encoding workflows with advanced software, increasing capacity from 5 to 40/day

Education

Fullstack Academy of Code | Software Engineering Immersive Program

January-May 2019

New York University | BFA | GPA: 3.83 | Magna Cum Laude

- Major: Film & Television Production | Minor: Metropolitan Studies