

Brandon H. Rowe

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Skills

Proficient: JavaScript, Python, Node, React, Redux, HTML, CSS, Sequelize, Express, PostgreSQL, Git, Github, Bash, Automator, FFmpeg, Adobe Creative Suites
Familiar: GraphQL, Apollo, Django, SQL, Webpack, Heroku, Mocha, Chai, Cheerio, Cron

Projects

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.
- Also includes features such as definition lookups through WordsAPI, auto-save to PostgreSQL database, and rich-text file download.
- *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, created backend and frontend functionality for Search and Recommendation features, and stylized with Bulma framework.
- *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.
- Ability to splice together clips is powered by the React Sortable HOC library.
- *Stack: Python, Django, React, PostgreSQL, FFmpeg, Internet Archive API, React Sortable HOC*

Experience

Fullstack Academy of Code | Software Engineering Teaching Fellow *May 2019-present*

- Mentor ~40 software engineering students on Node.js, React and other modern JavaScript projects
- Lead algorithm reviews
- Act as scrum master for senior-phase group projects
- Interview student candidates and vet their technical abilities

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 and updated daily workflows for tech department with advanced software, increasing encoding capacity from 5 to 40 a day
- Liaised with key stakeholders at HBO, IFC and A&E to manage their video encoding and editing work

Deluxe Digital Services | Ingest Operator *April 2016-May 2017*

- Guided the archiving of thousands of video and audio assets into remote storage system
- Encoded and edited content for Netflix, HBO, and other clients

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