Brandon H. Rowe

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Experience

Vimeo
Software Engineer II, Video Playback •
July 2021-present
- Executed modernization of Vimeo player using **Preact**, **Typescript**, and **SCSS**
- Led planning and development of new **customization** features for **CC's** and **colors**
- Rebuilt essential pieces of the player such as the **control bar**, **title**, and **captions**
- Crafted **testing** and developer **workflow tools**

AMC Networks
Frontend Engineer I • *Nov 2019-June 2021*
- Built AMC **Video Player** using **Brightcove**
- Wrote reusable internal **SDKs** and **React** components with **SCSS** styling
- Led development of **content compiler middleware** to reduce page requests
- Created **automation** scripts to streamline development workflows

Fullstack Academy of Code
Software Engineer Mentor • *Oct 2020-Feb 2021*
- Guided bootcamp grad with job search
- Conducted mock technical interviews

Teaching Fellow • *May 2019-Sept 2019*
- Mentored ~40 software-engineer students on **JavaScript**-based **fullstack**
- Oversaw projects and technical interviews

Skills

Proficient
JavaScript/Typescript • React/Preact • Node • Python • HTML • CSS/SCSS • Zustand • Redux • Git • Express • Sequelize • Jest • Media Source Extensions • Brightcove Player • FFmpeg • Adobe Creative Suites

Familiar
PHP • Go • Bash • Rollup • Webpack • GraphQL • Next.js • Django • PostgreSQL • Cheerio • Cron

Projects

Vimeo
- **Vimeo Player**
  - **Preact UI**: Rebuild of the Vimeo Player using a more modern framework of Preact/Zustand
  - **CC Customization**: Ability for users to modify the font, color, and sizing of closed captions
  - **Custom Colors**: Allows users to define their own color themes for the player
  - **Webinars**: Live event feature that allows for contact forms and analytics

Preact, JavaScript, Zustand SCSS, Rollup, Python, Go

AMC Networks
- **AMC** • **SundanceTV** • **BBCAmerica** • **IFC** • **WeTV**
  - **AMCN Webapp**: Application to render out all AMC platform websites from one repo
  - **Content Compiler**: Middleware API to handle all page requests and layouts
  - **React Components**: Monorepo of reusable components across all web repos

React, JavaScript, Brightcove Player, SCSS, Node, Express, Handlebars, Cheerio

The Big Splice
- **Site** • **Github**
  - Lets users assemble together archival clips from The Internet Archive API

Python, Django, React, PostgreSQL, FFmpeg

Education

Fullstack Academy of Code • *Jan-May 2019*
- Software Engineering Immersive Program

New York University
- BFA • GPA: 3.83 • Magna Cum Laude
- Major: Film & Television Production
- Minor: Metropolitan Studies