

CHRIS CHARNQUIST FLEMING

Software Engineer

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[portfolio](#)

[LinkedIn](#)

[Github](#)

New York, NY

SKILLS JavaScript, Ruby, Python, React, Redux, HTML, CSS, Ruby on Rails, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, Git, Heroku, Adobe Photoshop, Amazon Web Services (AWS)

EXPERIENCE

Software Engineer

Jun 2023 - Current

Committee to Elect Adrienne, New York, NY

- Create [website](#) with custom HTML CSS and JavaScript to engage constituents and raise funds
- Craft campaign messaging to fit the candidate and Cambridge
- Advise on all aspects of digital campaign needs

Software Engineer, Political Technology Specialist

Jun 2022 - Nov 2022

DigiDems, New York, NY

- Identify key constituents in SQL database, analyze voter data to get out the vote, and identify potential fraud
- Update campaign website with press releases using Photoshop, HTML and CSS
- Adapt custom Chrome extension with React to increase efficiency and impact
- Manage campaign cyber security

Software Engineer, Community Contributor

Dec 2021 - Jun 2022

The Apache Software Foundation, New York, NY

- Refactored React components on data visualization tool with hooks and TypeScript to reduce tech debt
- Worked with git version control and Linear task management portal to ensure smooth collaboration and avoid merge conflicts

PROJECTS

FauxFlix | (React, Redux, Rails, Ruby, AWS, JavaScript, HTML5, CSS3) | **Netflix Clone**

[live](#) | [github](#)

- Leveraged polymorphic associations in SQL database between videos hosted on AWS and the many genres in the rails backend to create DRY many-to-many relationships so the user can easily view videos by genre
- Secured site with BCrypt and React Router, limiting access of certain pages to registered users
- Integrated CRUD functionality with Redux state management allowing users to manage their video list
- Utilized React state to update volume icons, display accordion content, expand search bar, and play videos in response to user behavior, leading to a more polished, responsive user interface

Pomegranate | (MongoDB, Express, React, Node, Spoonacular API) | **Recipe Generator App**

[live](#) | [github](#)

- Employed custom HTTP API requests to Spoonacular, passing resulting payloads to React components as needed
- Implemented dynamic CSS prototyped in Photoshop to create clean, engaging, thoughtful design, improving user experience and unifying brand messaging
- Designed and engineered custom 404 landing page via React-Router to ensure consistent user experience (UX) and provide appropriate user feedback even when navigating to unexpected frontend routes

EDUCATION

AppAcademy - 1000-hour immersive full-stack web development intensive, < 3% acceptance rate 2020 - 2021

California State University, Fresno - BS Business Administration, Minor English 2006 - 2011