

# CHRIS CHARNQUIST FLEMING

Software Engineer

646.943.2896 [chris.charnquist@gmail.com](mailto:chris.charnquist@gmail.com) [Portfolio](#) [LinkedIn](#) [Github](#) New York, NY

**SKILLS** JavaScript, Ruby, Python, Flask, TypeScript, 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 - Nov 2023

*Committee to Elect Adrienne, New York, NY*

- Provided expertise on all aspects of digital campaign including custom [website](#) with HTML CSS JavaScript
- Crafted campaign messaging to convey key information, engage constituency, and increase donations by 75%
- Developed user interfaces that aligned with UX principles resulting in a cohesive, user-friendly experience

### Software Engineer, Political Technology Specialist

Jun 2022 - Nov 2022

*DigiDems, New York, NY*

- Identified key constituents in SQL database, analyzed voter data to get out the vote, and identified potential fraud
- Updated campaign website with press releases using Photoshop, HTML and CSS
- Adapted custom Chrome extension with React to increase candidate's call time efficiency by 25%
- Introduced DCCC cyber security best practices to all campaign staff and reached a 90% adoption rate

### 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

California State University, Fresno - BS Marketing, Minor English