

# CHRIS CHARNQUIST FLEMING

Software Engineer

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

New York, NY

**SKILLS** Java, Ruby on Rails, Python, Flask, TypeScript, React, Redux, Docker, HTML, CSS, Spring Boot, MongoDB, Node.js, Express.js, SQL, Postgres, Webpack, Git, Adobe Photoshop, Amazon Web Services (AWS)

## EXPERIENCE

Freelance Software Engineer

Nov 2022 - Current

*DataAnnotation.tech, Zinc Collective, New York, NY*

- Train LLM AI in Python and JavaScript with diverse data structures and algorithms to increase its accuracy
- Write test cases to confirm AI output code works efficiently and effectively, then transcribe it into plain English
- Provide expertise on all aspects of election campaign including custom [website](#) with HTML, CSS, JavaScript
- Craft campaign messaging to convey key information, engage constituency, and increase donations by 75%
- Recruit and interview potential political technology specialists for the 2024 election cycle

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
- 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

HTD Talent - 480-hour Java, SQL, and Docker Bootcamp

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

California State University, Fresno - BS Marketing, Minor English