CHRIS CHARNQUIST FLEMING
Software Engineer

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

EXPERIENCE

Software Engineer, Community Contributor   Dec 2021 - Present
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

Sound Engineer/Professional Actor   May 2015 - April 2020
Avanti Talent Management, New York, NY
- Recorded and edited voiceover for TIME, IGN, WIRED magazines with Final Cut Pro and Rode recording equipment
- Designed a portfolio site with Wix to host multimedia content and curate brand image, increasing exposure by 25%

Online Learning Program Manager   Feb 2014 - Sept 2014
Rainbow House English Club, Beijing and New York
- Created online language acquisition library complete with 400 lessons and testing materials using adobe and Word
- Taught ESL to over 70 working professionals and was always in top 5% of ratings
- Led training of 8 new teachers and developed employee handbook to bridge gap between East and West

Center Manager, *Rainbow House English Club, Beijing*   Jan 2013 - Feb 2014
Teacher, *Rainbow House English Club, Beijing*   Dec 2011 - Jan 2013

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