Annie Bourke

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Full stack software engineer with a passion for building useful tools. With experience in Ruby on Rails, JavaScript, and React and a background in finance, I found software engineering when looking for a way to be more efficient and creative. I bring strong skills in team-coordination and client-focused work and a dedication to writing clear, useful code to help modern businesses deliver a smooth client experience.

TECHNICAL PROJECTS

Draw Straws - GitHub | YouTube
A game to help users make individual choices within a group setting.
+ Built frontend with Javascript, React, and Redux to render components and store data in state until a game is saved
+ Created a function, *shuffleDraw,* based off of the Fisher-Yates shuffle to randomly assign player order in the game
+ Employed async actions to fetch game data from and post games to the Ruby on Rails API
+ Used Redux middleware Thunk to interact with the API asynchronously and keep Redux store up to date

Movie Rentals - GitHub | YouTube
An online version of a Blockbuster-style movie rental store.
+ Constructed with Ruby on Rails and Javascript to give users a content management system with dynamic features
+ Utilized the Active Model Serialization JSON backend to store and access customers' movie rental data
+ Implemented a method in the Rental model to check the user's age against the movie's MPAA rating before allowing a rental

Building Management - GitHub | YouTube
A web app for apartment building residents to record service requests.
+ Built framework for app in Sinatra using the Model View Controller pattern
+ Created a relational database for buildings, residents, and service requests using Active Record
+ Prevented url-hacking by validating the current user before displaying specific user information
+ Provided users with CRUD functionality by implementing a RESTful environment

TECHNICAL SKILLS

HTML, CSS, OOP, Ruby, Rails, Sinatra, SQL, ORM, JavaScript, React, Redux, JSON

EMPLOYMENT HISTORY

First Republic Bank   **San Francisco, California**
Foreign Exchange Sales & Service Associate   *Oct 2013 - Feb 2017*
+ Assisted bank clients with foreign exchange needs, including $500m in conversions
+ Nominated by division head and one of 20 people to be selected for internal leadership development program, Eagle Institute
+ Implemented an account-labeling change to reduce duplicated processes for over 100 clients
+ Wrote the daily FX Market Recap for 2 years, an email newsletter detailing economic and market trends for 150+ subscribers
+ Supported 7 FX Sales Advisors and the bank's FX Trading team with client management and paperwork needs

Lewis & Clark College Sponsored Research Office   **Portland, Oregon**
Research Assistant   *Sep 2012 - May 2013*
+ Aided faculty in identifying and acquiring over $1m in grant opportunities for postgraduate field work
+ Compiled and maintained a spreadsheet database and master lists for several hundred grants and applications
+ Cross-referenced 400 data points with faculty needs to identify 143 ideal funding opportunities
+ Used HTML to update the Sponsored Research Office website with hand-selected grant opportunities

Office of US Congresswoman Hirono   **Washington, D.C.**
Intern   *Sep 2010 - Dec 2010*
+ Acted as the first point of contact by phone for 700,000 of Congresswoman Hirono's constituents
+ Researched and drafted constituent correspondence, detailing the Congresswoman's responses to legislation

EDUCATION

Flatiron School   *San Francisco, California - 2019*
Full Stack Software Engineering Program

Lewis & Clark College   *Portland, Oregon - 2013*
Bachelor of Arts, International Affairs; minor in Economics