JUSTIN FANG

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SKILLS

JavaScript, React, Redux, Node.js, Python, Django, Ruby, Rails, PostgreSQL, MongoDB, HTML, CSS, Git

PROJECTS

COVID415   (Express, Node, ReactJS, ReduxJS, MongoDB, Google Maps APIs)   live | github
Full stack web application service that matches San Francisco residents affected by COVID-19 with local delivery volunteers.
- Created scalable user authentication using Redux, Passport.js, JWT, BCrypt.js, and Axios.
- Normalized address input with lat/long coordinates and neighborhood data using Google Maps API, to plot location markers on the map and autocomplete addresses upon user input.
- Refactored React components and Redux UI state to support a mobile-friendly experience.

EVENTLITE   (Rails, ReactJS, ReduxJS, PostgreSQL)   live | github
Full stack web application inspired by Eventbrite which allows users to discover, save, and create events.
- Utilized BCrypt, model-level validations, and Redux state to create persisting user authentication.
- Built search function that filters across slices of state to dynamically identify and display events by input.
- Integrated Google Maps Places Autocomplete API to auto-suggest addresses upon user input.
- Connected Rails ActiveStorage with AWS S3 for multimedia storage to optimize scalability and reduce server load.

POODLE JUMP   (JavaScript, Canvas, HTML, CSS)   live | github
JavaScript game built using Canvas, inspired by the classic mobile game Doodle Jump.
- Generated game mode, game window, player, and platforms using HTML Canvas, vanilla JavaScript, and DOM manipulation.
- Implemented game logic and event handlers that responded dynamically to allow the player to land, jump on platforms, and wrap around the game window.

EXPERIENCE

UX Research Operations Coordinator
Facebook   Apr 2019 - Nov 2019
- Evaluated participant demographics for Virtual Reality UX/UI research studies to identify criteria constraints of study logistics, and communicate findings with researchers to explore appropriate solutions.
- Facilitated cross team collaborations between UX Program Management, Engineering, and Marketing, resulting in improved study participation and dropout rates.

UX Research Coordinator
Google   Apr 2017 - Dec 2018
- Recruited over 2000 research participants for over 150 user studies, drawn from marketing initiatives, customer databases, and employee referrals.
- Led marketing campaigns through social media platforms that identified target participants and brought them into our user database.
- Managed operations of user research, participant and facility scheduling, and incentive distribution.

EDUCATION

Full Stack Software Development - *App Academy*   *2019 - 2020*
BA Psychology, BA Media Studies - *University of California Berkeley*   *2012 - 2016*