

Jake Morales

Culver City, CA
(310) 749-3648
JAKE.H.MORALES@GMAIL.COM

EDUCATION

University of California Riverside – *B.S. of Computer Science*

June 2018 – GPA: 3.71

EXPERIENCE

Rückbau, Remote – *Full Stack Developer*

November 2019 – PRESENT

- Developed “TryOurWine” as a tool for consumers to conveniently find wines sold by our clients
- Proposed a pivot table library to improve development of tabular data and enhance user experience
- Pitched and built a Progressive Web App to demonstrate its advantages over React Native

PROJECTS

TryOurWine – *A web app for finding wine vendors in your area*

- Used Materialize CSS framework for out-of-the-box responsive design and styling to increase development velocity
- Increased performance of filtering markers on a Google Map to constant time by using an index data structure
- Improved security by integrating reCaptcha service to prevent web scraping of proprietary data
- Served frontend and backend from the same server to simplify deployments and avoid CORS security issues
- Link - tryourwine.com/demo

ShareQ – *An app for collaboration of Spotify playlists*

- Built the frontend with React.js to abstract the complexity of developing a UI that frequently updates
- Used the socket.io library for resilient real-time updates by reconnecting websockets during network errors
- Decreased critical load times by storing frequently updated data in memory with Redis instead of disk storage
- Link - shareq.app

PostBoard – *Craigslist, but for garage sales*

- Developed with TypeScript to improve developer experience by structuring data and catching errors before runtime
- Implemented GraphQL as an abstraction layer on top of the backend to simplify client-side requests for data
- Link - thepostboardapp.com

LINKS

- GitHub: github.com/jmora060
- LinkedIn: linkedin.com/in/jakehmorales
- Personal Website: jakemorales.dev