

ZACHARY OLIVER

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[LinkedIn](#)

[Github](#)

[AngelList](#)

San Francisco / Bay Area

SKILLS

JavaScript, React, Ruby on Rails, MongoDB, Express.js, Node.js, VBA, AutoHotKey, NetSuite, jQuery, Redux, SQL, Git, HTML5, CSS3, GraphQL, Docker

PROJECTS

LairBnB

[Live Site](#) | [Github](#)

Villainous AirBnB clone. MongoDB, Express.js, React, Node.js, Docker, Heroku

- Leveraged Google Maps API to create region specific maps with pins representing the location of 'Lairs' and update GUI based on user input in real time.
- Utilized MongoDB Atlas-powered data layer for asynchronous development. Generated seed files in JavaScript of our lairs as well as randomizing reviews based on our users in the database to update MongoDB quickly and seamlessly.
- Designed the postgres database and reduced server load through the utilization of Active Record associations to extract data from multiple tables in a single query.
- Incorporated Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering.
- Created custom SQL queries and reduced server load through the utilization of Active Record associations to extract data from multiple tables in a single query
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JS Heads Up Hold'em

[Github](#)

Heads Up No-Limit Texas Hold'em app. Javascript, jQuery, WebPack

- Implemented Object Oriented Programming best practices to create Table, board, button, deck, card, HumanPlayer, and ComputerPlayer classes.
- Created an artificial intelligence using conditional statements that will challenge beginning and intermediate players wits by calculating pot odds, and Nash equilibrium mixed strategies.
- Utilized poker solver library to determine hand strength at showdown and for artificial intelligence logic.

Indiedodo

[Github](#)

Endangered species conservation themed Indiegogo. MongoDB, Apollo, React, Express, GraphQL

- Integrated a robust text editor which allows images and videos to be included in campaign creation.
- Recorded user activity using React Router to create a seamless user experience during authentication and app navigation.
- Constructed campaign carousels to add an intuitive and attractive method for users to browse by category.
- Uploaded campaign images to Amazon AWS for retrieval when viewing an individual campaign or in a carousel.
- Leveraged GraphQL to source data from the News API and The IUCN Red List of Threatened Species API

EXPERIENCE

Fulfillment Specialist, Whole Foods and NetSuite Promotions

Lifefactory, Mar 2015 - Jan 2018

- Specialized in workflow automation, applying promotions and other events to be triggered as part of the order flow cycle as NetSuite Sys Admin. Achieved primary company KPI, Whole Foods order to ship timeline <72 hours. Gained proficiency in SQL for NetSuite formulas with Saved Searches, benefitting reporting and system functionality.
- Managed our key Whole Foods account, with fully EDI integrated orders mapped to customer records in our systems.
- Leveraged Visual Basic (Excel) to create various macros (importing bulk orders etc.) eliminating manually processing of batches 500-1000's of orders, allowing direct import.

Operations Specialist, EDI, International

RabLabs LLC, Jan 2016 - April 2016

- System Administrator for Zedonk ERP. Audited product pricing and customer setup
- EDI orders (Lingo, Neiman Marcus portals etc.), order workflow, customer mapping, chargebacks and new portals.
- Collaborated with partners in the Middle East to ensure compliance and meet SLA's. Managed the relationship with 3PL Warehouse, including inventory levels of 1000 Active SKU's

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (2019)

University California @ Davis - BA - Economics (Spring 2013)