

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 with seed files to generate random reviews and populate the lairs.
- Designed the PostgreSQL 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.

JavaScript Heads Up Hold'em

[Live Site](#) | [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.
- Leveraged a customized algorithm to render chip stacks of various denominations for visual appeal.
- Created artificial intelligence using conditional statements that will challenge beginning and intermediate players wits by calculating pot odds, and Nash equilibrium mixed strategies to simulate a human players response using duck typing.
- Incorporated Fisher-Yates array shuffling method in order to ensure an evenly distribution shuffled deck.
- Utilized poker solver library to determine hand strength at showdown and for artificial intelligence logic.

Indiedodo

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

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

- Recorded user activity using React Router to create a seamless user experience during authentication and app navigation.
- Constructed campaign carousels using React Alice Carousel component to add an intuitive and attractive method for users to browse by category.
- Integrated a wysiwyg text editor allowing in line images and videos to be included in campaign creation.
- Uploaded campaign images to Amazon AWS allowing for fast and ubiquitous retrieval when viewing an individual campaign.
- Leveraged GraphQL to source data from the News API to show the user current conservation information.

EXPERIENCE

Fulfillment Specialist, Whole Foods and NetSuite Promotions

Lifefactory, Mar 2015 - Jan 2018

- Gained proficiency in SQL for formulas within NetSuite Saved Searches, improving system functionality in workflows underlying business processes and generating reports for sales and marketing.
- Managed fully integrated Electronic Database Interchange (EDI) orders mapped to customer records in business systems.
- Leveraged Excel VBA to create macros, allowing batches of 500-1000's bulk orders to be directly imported into NetSuite.
- Specialized in order workflow automation, resulting in promotions being applied consistently, avoiding accounting and customer team leader followup.

Operations Specialist, EDI, International

RabLabs LLC, Jan 2016 - April 2016

- Developed Excel spreadsheets to audit customer accounts and inventory resulting in a more efficient operational database.
- Managed EDI orders (Lingo, Neiman Marcus portals etc.), order workflow, customer mapping, chargebacks and new portals.

EDUCATION

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

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