

# ZACHARY OLIVER

P. 415-497-3525

[zachjoliver@gmail.com](mailto:zachjoliver@gmail.com)

[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.

## EXPERIENCE

### Software Engineer

*Celigo Inc, Dec 2019 - April 2020*

- Designed, developed and tested customized integration flows for cloud services such as NetSuite, SAAS, 3PL portals, and Salesforce. Utilized knowledge of Webhooks, REST/SOAP APIs, SQL, NetSuite SuiteScript, AWS S3, and SQS.
- Coordinated with internal and external Project Managers, Lead Engineers, and Executives to implement projects on scope and timeline.
- Collaborated with clients to complete their unit and end-to-end testing, knowledge transfer, and go-live support.

### 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.
- 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 2018 - April 2018*

- 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)