



Brendan Ko

Software Engineer

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PROJECTS

DineRound (Rails, PostgreSQL, React, Redux) [Live](#) [Github](#)

Single-page fullstack restaurant reservation app based on Opentable

- Identifies customized time ranges for table reservations via custom SQL queries
- Implements database normalization to reduce redundancy in slices of state by using React.js, Redux, and combining reducers
- Enables Google Maps API to geocode and render restaurant locations on each restaurant page based on address

Go2Jam (JavaScript, HTML5 Canvas) [Live](#) [Github](#)

Rhythm game inspired by O2Jam

- Creates note columns with multiple canvas elements to avoid clearing all notes when redrawing
- Adjusts for potential video desynchronization by referencing start and current time for song
- Creates beat logger console to more efficiently create beatmaps manually for songs

FreeDOM (JavaScript) [Live](#) [Github](#)

Custom JavaScript Library

- Incorporates Giphy API and knows how to send XML requests to fetch new .gif images
- Manipulates and selects HTML elements based on properties

PROFESSIONAL EXPERIENCE

Zachys Wine Auctions (White Plains, NY) - Junior Business Analyst

2015 - 2017

- Managed and maintained competitor analytics for multi-million dollar wine auction houses in the New York City area
- Reported sales data breakdowns for each auction as well as being responsible for yearly reports encompassing over \$65 million in revenue
- Spearheaded initiatives to create and maintain competitor and internal business templates for sales and marketing teams

SKILLS

Ruby	Rails	SQL
JavaScript	React	Redux
Canvas	CSS	HTML
RSpec	TDD	Git

EDUCATION

App Academy (2017)

1000+ hour intensive
fullstack web development
program with <5%
acceptance rate

Boston University
BS Hospitality Management
(2014)

Recipient of \$30,000 R.C
Kopf Student Achievement
Award