FRANKIE ZIMAN

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Portfolio   LinkedIn   GitHub
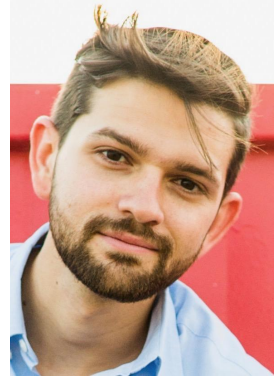
Portfolio

ZTasks | *(React/Redux, Rails 5, PostgreSQL, HTML5, CSS3)*   live | github

Full-stack single-page organizational web app inspired by Remember the Milk

- Leveraged ActiveRecord associations to enable filtering of tasks based on search parameters, due dates, or correlating list.
- Structured PostgreSQL database to allow for the creation of tasks independent of lists, by assigning user to both lists and tasks.
- Established a normalized state which conditionally renders modal components.
- Designed a dynamic UI utilizing an organized HTML structure and flexbox..

PewPew | *(JavaScript, HTML5, Canvas, Firebase, CSS)*   live | github

Tetris like game inspired by a Japanese arcade game, Puyo Puyo

- Implemented a recursive search algorithm to find and destroy groupings of four or more same colored pieces.
- Leveraged Firebase Realtime Database to store and access global highscore.

Monocular | *(Ruby, CSS3)*   github

MVC framework inspired by Rails

- Implemented a Router class, which assigns HTTP methods to correlating controllers.
- Developed a ControllerBase class which renders HTML views.
- Incorporated cookies which persisted data between HTTP requests

experience

Math Teacher   *Jewish Educational Center*   Nov 2016 - Jun 2016

- Taught Geometry and Algebra II to 10th and 11th grade students.
- Introduced curriculum to fulfill college credits.

Math Tutor   *Independent*   Jan 2016 - Jun 2017

- Achieved average of 100 point score increase in Math section of SAT for all students.

Driver   *Uber*   May 2016 - Oct 2016

- Achieved top 5% of drivers status in NJ for both quality and quantity of rides given.

High Ropes Division Head   *Midwest Campers Association*   Jun 2013 - Jul 2013

- Oversaw training of 10 ropes course staff members, while cultivating a unified team.
- Operated ropes course programming for over 400 campers per week and ensured safety standards.
- Assessed performance of staff members and gave daily feedback .

Aquatics Division Head   *Midwest Campers Association*   Jul 2011 - Aug 2012

- Oversaw training of 10 aquatics staff members, while cultivating a unified team
- Operated pool and lakefront utilized by over 400 campers per week
- Executed aquatic programming for over 400 campers per week
- (Summers)

SKILLS

Ruby on Rails

JavaScript

Jbuilder

HTML5

jQuery

React

Ruby

CSS3

Flux

SQL

Git

EDUCATION

AppAcademy - 2017
1000 hour full-stack coding program with
< 3% acceptance rate

Yeshiva University - 2017
BA Mathematics
Curriculum Highlights - Physics, Data
Science, Advanced Calculus I & II, Elliptic
PDE, Applied Diff EQ

Jerusalem College of Technology - 2013
Curriculum Highlights - Calculus I-III,
Linear Algebra, Probabilities, Intro to CS,
Data Structures, Probability Theory

Languages

English, Hebrew

fun facts...

I love hiking, climbing, surfing, biking,
skating, carpentry, furniture design, and
photography

I recently turned a slice of a 100 year old
maple tree into a coffee table