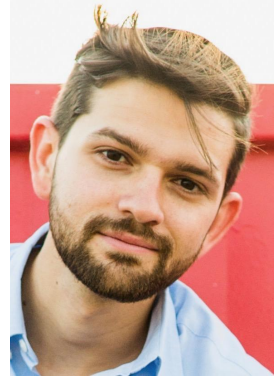


# FRANKIE ZIMAN

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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