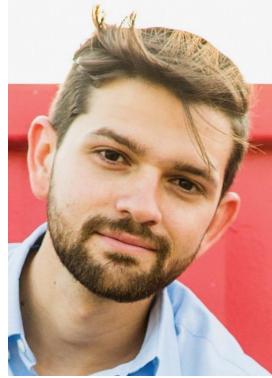


FRANKIE ZIMAN

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[Portfolio](#) [LinkedIn](#) [GitHub](#)



PORTFOLIO

ZTasks | (Ruby on Rails, React/Redux, PostgreSQL, HTML5, CSS3, CSS Flexbox)

[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 CSS Flexbox.

PewPew | (JavaScript, HTML5, HTML Canvas, Firebase, CSS3, CSS Flexbox)

[live](#) | [github](#)

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

- 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.

education

App Academy

Jul 2017 - Sep 2017

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

Yeshiva University

BA Mathematics

Sep 2013 - Jan 2016

- Curriculum Highlights: Physics, Data Science, Advanced Calculus, Elliptic PDE, Applied Diff EQ.

Jerusalem College of Technology

Computer Science

May 2016 - Oct 2016

- Curriculum Highlights: Calculus, Linear Algebra, Intro to Computer Science, Data Structures, Probability Theory.

experience

Math Teacher

Jewish Educational Center

Nov 2016 - Jun 2017

- 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.

Division Head

Midwest Campers Association

Jun 2011 - Jul 2013

- Oversaw training of 10 staff members per summer and gave daily feedback..
- Operated programming for over 400 campers per week and ensured safety standards.
- (Summers)

SKILLS

Ruby on Rails

PostgreSQL

JavaScript

Webpack

Jbuilder

Flexbox

HTML5

jQuery

Redux

React

Ruby

CSS3

SQL

Git

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