

# Zack Leinwand

## Software Engineer

New York, NY  
(914) 316-9659  
[zack.leinwand@gmail.com](mailto:zack.leinwand@gmail.com)  
[LinkedIn](#)

### SKILLS

RUBY JAVASCRIPT REACT REDUX SQL AJAX JQUERY HTML CSS

### PROJECTS

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

A full-stack, single page social network for dogs. Inspired by Facebook.

- Optimizes speed by enabling front end search, populating Redux State on profile fetch
- Hosts profile and cover photos in the cloud with AWS and Paperclip
- One way friend requests using backend logic “in-friends” and “out-friends”

**Vincent Van Grow** (JavaScript, HTML/CSS, D3.js) [Live](#) [Github](#)

An algorithm site creating beautiful voronoi diagrams from self implemented sampling algorithms

- Implements three sampling algorithms including Poisson-Disc in  $O(n)$
- Utilizes D3.js to create voronoi mosaics in real time as the sampling algorithms run
- Powered only by Vanilla JavaScript to translate sample data/voronoi shapes to Canvas

**HermesORM** (Ruby, PostgreSQL) [Github](#)

ORM framework using a preconfigured base class model and metaprogramming techniques

- Utilizes sensible defaults for broad coverage under conventional naming standards
- Streamlines setup of new model classes with Ruby’s define method metaprogramming
- Allows models to connect to other models, minimizing database queries

### EXPERIENCE

**App Academy** (New York City)

**Placements TA**

July 2018- Present

- Support aspiring engineers in debugging, design decisions, and code review
- Lead practice technical interviewing sessions including whiteboarding with students

**Gotham OS** (New York City)

**Senior Sales Consultant**

May 2014 - March 2018

- Closed record numbers of simple and complex sales with a total contract value > \$10MM
- Trained and mentored hundreds of reps into high caliber sales professionals

**2020 Companies** (New York City)

**District Sales Manager**

Dec 2012 - March 2014

- Combined and expanded two Verizon FiOS markets resulting in 100% regional control
- Simultaneously ran two teams, leading a total of 25 individuals

### EDUCATION

**App Academy, New York City** - Software Engineering Immersive Graduate

- 1000+ hour full stack web development bootcamp with < 3% acceptance rate