

Dmitry Slavnikov



dmitry.slavnikov@gmail.com



(347) 276-1708



United States



LinkedIn - slavnikov



GitHub - slavnikov



Portfolio - slavnikov

PROJECTS

Period Piece Movies (Rails, SQL, React, Redux, Google Maps API, Elastic Beanstalk) [Live Site](#) | [Code Repo](#)
Search for movies and tv-shows by time period and location of their setting.

- Adapts dynamically to user load using AWS Elastic Beanstalk.
- Parses and selectively displays locational data with Google Maps API.
- Creates a single-page user experience and breaks code down into reusable components using React.js.

BootUp (Rails, PostgreSQL, React, Redux) [Live Site](#) | [Code Repo](#)
Startup site inspired by Kickstarter.

- Connects all components to a normalized Redux store, ensuring data integrity and dynamic interface.
- Uses ActiveRecord to fetch groups of linked resources and AWS relations, minimizing database queries.
- Employs Amazon S3 for resource management, eliminating the need for local media storage.

Space Heroes (JavaScript ES6, jQuery, Google Firebase) [Live Site](#) | [Code Repo](#)
An in-browser, modular take on the Atari classic.

- Makes extensive use of ES6 module syntax, making the code highly configurable and allowing for quick and easy development and rollout of new features.
- Leverages the power of Canvas, producing reactive graphics, including animations and particle effects.
- Employs Google Firebase, storing and displaying player scores with minimal backend setup.

RubyQuarry (Ruby, SQLite3) [Code Repo](#)
An object-relational mapping library for managing SQLite3 databases with Ruby.

- Eliminates the need for raw SQL code with syntactic Ruby methods.
- Enables linking of database resources, allowing grouped retrieval of objects based their relationships.

CAREER HISTORY

Teach For America - Middle School Science Teacher

Bridgeport CT, Aug 2015 - Jun 2018

- Differentiated instruction for students with learning difficulties
- Designed and implemented instructional strategies based on collected student progress data
- Grew from an 'underperforming' to 'accomplished' work rating (as assessed by head of academic department).

Cornell University Press - Sales Associate

Ithaca NY, Apr 2014 - Jun 2015

- Worked on the promotion of a title which, at the end of the sales campaign, warranted a second printing to meet demand.
- Researched and contacted potential non-traditional book vendors.

Cornell University - Biochemistry Teaching Assistant

Ithaca NY, Jan 2014 - Jan 2015

- Tutored high-achieving students through individual instruction

Revolution Prep - SAT Tutoring Branch Manager

New York, NY Mar 2012 - Aug 2012

- Independently brought in over 20 students for a full-time summer course and effected an over 18% average score growth.

SKILLS

- | | |
|-------------------|------------|
| • React | • Git |
| • Redux | • SQL |
| • JavaScript | • jQuery |
| • Ruby on Rails | • Webpack |
| • RSpec | • AJAX |
| • HTML / CSS | • REST |
| • PostgreSQL | • ORM |
| • AWS (S3, EB) | • OOP |
| • Google Maps | • Heroku |
| • Google Firebase | • Capybara |

EDUCATION

AppAcademy '18

- Web development bootcamp

Cornell University '15

- B.S. in Biology
- Magna Cum Laude (3.92)

Brooklyn Technical H.S. '11

- Salutatorian

MCAT 2015

- Score 522 (99th percentile)

