

Daniel Lee

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Projects

myface (Rails, PostgreSQL, React, Redux, AWS)

[Live](#) | [GitHub](#)

A single page social media network inspired by FaceBook.

- Achieved more efficient database queries using custom SQL queries for associated friendships with different status attributes.
- Bootstrapped the current user's associated friendships along with the session information, avoiding another AJAX request to resolve friendship relationships with other users.
- Abstracted model associations and methods into Service Objects and Modules to keep Controllers RESTful and avoid overly cluttered Model files.
- Leveraged AWS S3 and Paperclip to store images associated with Photo model on the cloud.

PROJECT 2 (Language)

LINKS

Description of Project 2

- Further descriptions

PROJECT 3 (Language)

LINKS

Description of Project 3

- Further descriptions

Skills

RUBY

RAILS

JAVA

PYTHON

MATLAB

HTML/CSS

SQL/PostgreSQL

REACT/REDUX

JQUERY

JAVASCRIPT

Education

APP ACADEMY: New York, NY

2018

- 1000-hour software development course with <3% acceptance rate
- Emphases on: pair programming, best practices, TDD, scalability, REST, OOP, and coding style.

BOSTON UNIVERSITY MEDICAL CAMPUS: Boston, MA

2014-2016

- Masters of Science in Medical Sciences, GPA 3.3
- Masters Thesis: Sulcal and Gyral Distribution of Cortical White Matter Neurons in Macaque Monkey

NEW YORK UNIVERSITY: New York, NY

2009-2013

- Bachelors of Science in Neuroscience, GPA 3.4
- *Course Highlights:* Intro to Computers and Programming, Intro to Computer Science, Calc I & II, Statistics for the Behavioral Sciences

Work History

BOSTON UNIVERSITY MEDICAL CAMPUS: Boston, MA

2015-2016

Graduate Research Assistant in the Rockland Lab

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- Designed a novel method to compare neuronal density through cell counting in different regions of the brain of macaque monkeys.

NEW YORK UNIVERSITY: New York, NY

2013

Research Assistant in the Rinzel Lab

- Helped design and modify experiments testing sound localization in human subjects through perceived level- and temporal- differences in sequentially played tones using Matlab.
- Handled scheduling and carried out appointments with dozens of volunteer subjects.