Patrick Slattery
Web Developer

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(510) 620-4746

Technical Skills

Ruby	Rails	JavaScript
Backbone.js	jQuery	D3.js
RSpec	HTML / CSS	Twitter Bootstrap
Python (in progress)	Objective-C (in progress)	iOS (in progress)

Experience

App Academy
Teaching Assistant
Teach Ruby, object oriented programming, test driven development, SQL, Rails, JavaScript, Backbone.js, and major related libraries.

University of California, San Francisco
Research Assistant
Wrote an implementation of a study design that is currently being used to collect fMRI data in an experiment studying cognition and mood in schizophrenia patients. Wrote scripts to process behavioral data.

Projects

DerpTask – derptask.herokuapp.com
Rails and Backbone.js clone of DropTask, a visual task management app. Backbone-relational to model nested resources. Rich user experience featuring drag and drop and AJAX to persist changes seamlessly.

a**N**imal **back** – animal-back.herokuapp.com
Rails and Backbone.js implementation of Dual n-back, a task commonly used to measure working memory in cognitive neuroscience experiments. Optional authentication for stat-tracking with Omniauth integration for Facebook log-in. User performance data graphed using D3.js

Happ – h-app.herokuapp.com
Rails and Backbone.js personal tracking app. D3.js to display graphs of single days and a summary of all data. Integrates Backbone models and Kaminari to make entries viewable by infinite-scroll.

Education

University of California, Berkeley
Bachelor of Arts, Psychology
GPA: 3.78
Honors and a departmental award for distinguished thesis research.
Coursework includes: Computational Models of Cognition, Structure and Interpretation of Computer Programs, Introduction to Logic.

MOOC
Software as a Service pt.1 – UC Berkeley via edX
Introduction to Computer Science – Harvard via OpenCourseware
Algorithms: Design and Analysis, Part 1 – Stanford via Coursera

In Progress
Algorithms: Design and Analysis, Part 2 – Stanford via Coursera
Web Intelligence and Big Data – IIT, Delhi via Coursera