

Esop Baek

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PROJECTS

YourFitnessPal (Rails, Backbone.js) | [live](#) | [github](#)

Fitness journal web-app modeled after MyFitnessPal. Calorie counter, food & exercise tracker, blogging platform, and social networking site, all featured in one app.

Single-page backbone app consuming RESTful Rails API

Utilizes 3rd party API (Nutritionix) to create database of 100,000+ foods

Calculates user-specific daily calorie targets using Mifflin-St. Jeor equations to estimate user's basal metabolic rate

Asteroids (Javascript, HTML5 Canvas) | [live](#) | [github](#)

Classic Asteroids arcade game rebuilt in JS

Features customized inheritance method

Mini Active Record (Ruby) | [github](#)

Clone of basic Active Record functionality

Features metaprogramming

Handles mass assignment, querying, and associations

SKILLS

Ruby, Rails, JavaScript, Python, Java, Backbone.js, jQuery, Git, RSpec, TDD, SQL, HTML, CSS

EDUCATION

Dartmouth College, 2014

B.A. Psychology

Relevant Coursework: Object-Oriented Problem Solving, Discrete Mathematics, Linear Algebra, Statistics, Social Psychology

EXPERIENCE

Intern – Vital Communities (Dec '13 – Feb. '14)

Designed presentation materials for flagship event. Contributed to company's blog and updated existing databases daily.

Session Guitar Player and Tutor – Dartmouth College (Fall '12 – Spring '14)

Collaborated with professional musicians regularly for some of the biggest on-campus performances, such as Dartmouth Idol.

Educational Development - Big Green Bus (Fall '09 - Summer '10)

Lead the development of curriculum and production of presentation materials for the summer tour, which promotes alternative energy. These materials and presentations reached over 10,000 people in 35+ cities in venues such as Capitol Hill, Disney World, and the Vans Warped Tour.
