

SARAH MICHAELSON

200 Windwatch Dr | Hauppauge, NY 11788 | 516-286-0737 | sarah.michaelson@gmail.com
<http://www.linkedin.com/in/skmichaelson> | <https://github.com/skmichaelson>

PROJECTS

Fitness App (*Inspired by myfitnesspal*): **Rails, Ruby, HTML, CSS, RSpec**

<https://github.com/skmichaelson/fitnessapp> (source)

<http://applecinnamon-fitness-app.herokuapp.com> (live)

- Includes a custom script to import CSV files from the USDA food database and convert each entry into a food object
- Calculates BMR using the Harris-Benedict equation and estimates calorie goals based on user-provided input
- FeedItems and ReportItems belong to weigh in or daily entry objects via polymorphic associations

Active Record Lite: Ruby, SQL

<https://github.com/skmichaelson/active-record-lite> (source)

- Custom SQL queries to mimic the functionality of ActiveRecord, using escaping techniques to prevent SQL injection attacks
- Use of metaprogramming to build ActiveRecord associations

Asteroids: JavaScript

<https://github.com/skmichaelson/asteroids> (source)

- Uses **HTML5** Canvas to recreate the classic arcade game
- Object velocities are calculated using trigonometric functions and vector algebra.

SKILLS

Ruby, Rails, JavaScript, SQL, RSpec, HTML, CSS, TDD, Git, Backbone

EDUCATION

BS in Nutrition Science, Pre-medicine

08/2005 - 12/2009

GPA 3.0

Purdue University, West Lafayette, IN

AS in Liberal Arts: Mathematics and Sciences

08/2004 - 08/2005

GPA 3.8

Nassau Community College, Garden City, NY

WORK HISTORY

Brand Manager

05/2008 - 12/2013

Self-employed, various cities

- Managed 14 programs, boosting web traffic for the client
- Clients included Verizon, Best Buy, and Wells Fargo

Weight Loss Consultant

05/2012 - 07/2013

Metabolic Research Center, Lafayette, IN

- Helped clients lose an average of 0.98 pounds per week
- Managed the center's public Facebook page