

Serge Thompson

Web Developer
Passion for Innovation.

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Projects

Know Thy Selfie

Put your selfie through the digital wringer. We take your selfie and analyze it in the cloud then return your digital DNA. My tech. contribution: JavaScript, Backbone.js, D3.js, jQuery, Amazon S3, RoR

Timely

Timely provides food or activity recommendations based on time of day, geolocation, and user preferences automatically. My tech. contribution: JavaScript, HTML5 geolocation, Google Maps API.

Earthquake Visualizer

24hr D3 hack-a-thon project to visualize Earthquakes in the period of 2011-2013. My tech. contribution: JavaScript, D3.js, jQuery,

Skills

Programming & Markup Languages

Ruby, JavaScript, HTML5, Handlebars, CSS

Front-End Development

jQuery, jQuery UI, AJAX, Backbone.js, Bootstrap, Angular.js

Back-End Development

Ruby on Rails, PostgreSQL, MongoDB, Sinatra, Node, Express

Other

Git, Github, RSpec, Capybara, Mocha, TDD, Pivotal Tracker, Agile Development

Interests

skier, road and mtn. biker, reading tech, idea pondering, building stuff, seeing friends, Elon Musk fan

Education

University of New Hampshire;
Durham, NH – BS, Physics and Minor, Applied Math,
Graduated 2008

Conducted cosmic ray research from Ulysses satellite spaces mission and multiple cosmic ray detectors around the world.

Experience

General Assembly, Web
Development Immersive Program- NY, NY
Dec. 2013 - March 2014

9 week intensive program on full-stack web development. Designed and built Ruby on Rails and JavaScript websites individually and in teams.

CEO and Lead Project
Designer at Sergian Technologies Inc- Hampton, NH Jan.
2012 - Nov. 2013

Raised over \$50,000 in startup capital. Managed 4 software engineers to create Latch App smartphone and web product designed to eliminate the username and password interface. Incorporating OpenID, iOS, Android, Wordpress, Amazon EC2

Scientist at Konarka
Technologies Inc; Lowell, MA
July 2009 - April 2012

Patent for Polymer Photovoltaic Cell (WO2011085004). Produced a world record 9% efficiency organic photovoltaic solar cell. Managed fabrication laboratory with a budget of \$60,000 while cutting costs by \$10,000.