

# 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

## Good and Great Stuff

Elon Musk Fan Club, Skier, || and Mtn. Biker, High Tech Guru, Good Coffee Guy

## 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.