

# Serge Thompson

**Web Developer**  
**Passion for Innovation.**

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## Education

**University of New Hampshire; Durham, NH – Bachelors, Physics and Minor, Applied Mathematics, Graduated 2008**

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

## 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

## 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 – 2009-2011**

Raised over \$50,000 in startup capital. Created a multi platform sign-in system to eliminate the username and password interface. Managed 4 software engineers to create Latch App smartphone and web product.

**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. Analyzed and tested semiconducting polymers from testing to production, hired and managed an intern to build a solar cell modeling system, managed fabrication laboratory with a budget of \$60,000 while cutting costs by \$10,000.