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# Serge Thompson

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**Objective:** Build innovative web products using the latest JavaScript web technology. **Skills:** JavaScript, Backbone, CSS, HTML, RoR, Wordpress, Social Network Ads, Google Analytics **Volunteer work:** Early Education Studies Volunteer at Domus **Interests:** Road Cycling, Skiing, Mountain Biking

## Experience:

**General Assembly, Web Development Immersive Program** - New York, New York *(Dec. 2013 – March 2014)*

- 12 week intensive course, full Stack RoR developer with JavaScript and Backbone focus

**CEO and Lead Project Designer at Sergian Technologies Inc.** – Hampton, New Hampshire *Sept. 2011 – Dec. 2013 (2 years 3 months)*

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

**Scientist at Konarka Technologies Inc. – Lowell, Massachusetts** *July 2009 – April 2012 (2 years 9 months)*

- 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
- Produced a world record 9% efficiency organic photovoltaic solar cell
- Patent for Photovoltaic Cell with Benzodithiophene-Containing Polymer (WO2011085004)

**Researcher at Space Science Center (EOS)/UNH – Durham, New Hampshire** *June 2005 – August 2008 (3 years 3 months)*

- Support cosmic ray research for Ulysses satellite space mission through maintaining and updating scientific databases
- Analyze data variability due to particle detector design and high energy particle physics

## Education:

**University of New Hampshire**

**Bachelors, Physics and Minor, Applied Mathematics**

*2004 - 2008*

- Conducted cosmic ray research from Ulysses satellite space mission and multiple cosmic ray detectors around the world
- Materials Research week at Ohio State 2008, NASA Tech Briefs' National Nano Engineering Conference 2006, RPI Nanotechnology Conference 2006