

Maxim Lakin

Freelance Web Developer & Consultant

maximlakin@gmail.com

(617) 606-2109

Services Offered

- Web Application Development
- Online Payments
- API integration
- Deployment & Production
- Complex background jobs
- SSL integration

Technical Expertise

- Ruby, Rails, Nginx, Unicorn
- JavaScript, jQuery, Underscore
- AngularJS, Backbone
- Java, Maven, Struts, Spring, Android
- HTML, CSS, Bootstrap, Foundation
- WebGL, Unity3d, C#

Experience

Freelance Web Developer & Consultant

NYC/San Francisco/Bay Area (July 2011 – Present)

- Created an online marketplace for independent musicians to create stores, sell music and merchandise, and engage followers and fans
- Developed a business analytics dashboard for a real estate investors that saved hours by analyzing properties with more ease, flexibility, and clarity
- Led the development on an in-house networking app for a coworking space/incubator in Brooklyn, NY

Web Development Instructor and Curriculum Designer

General Assembly - New York City (May 2013 – September 2013)

- Taught a web development course for junior developers that was well versed in best practices, TDD, and computer science principles
- Designed and standardized a 3 month immersive web development course curriculum that focuses on rapidly teaching the latest technologies

Java Software Engineer, Web & Android Developer

SendMe, Inc. San Francisco (November 2011 – April 2012)

- Developed a robust and dependable backend system for tracking and monitoring performance of SendMe marketing campaigns
- Set up an advertisement delivery API to seamlessly integrate with end user apps and new product launches
- Implemented high value web promotions and deals bringing in over \$100,000 in revenue

Education and Research

Graduate Fellow

Kavli Institute for Theoretical Physics (Spring 2011)

- Collaborated on research with leading mathematicians and string theorists
- Participated in conferences on elementary particle interactions, chaos and turbulence, and biophysics.

PhD Student

University of Massachusetts, Amherst MA (September 2008 – May 2011)

Data Analysis for LIGO Collaboration:

- Developed a novel approach to signal recognition of Supernova collapse
- Attended GWA Data Analysis Summer School
- Performed large scale simulations and model validations.

Theoretical Research:

- Optimized calculations necessary to detect LHC events with a high degree of accuracy
- Explored various approaches in extending quantum field theory and geometry

Teaching and Student Life:

- Designed and taught clear and well received undergraduate physics courses and labs
- Organized and held graduate student-run independent study groups and other events