Greg Marra

Education

May 2010 | **Franklin W. Olin College of Engineering**, *Needham, MA*.
Bachelor of Science in Electrical and Computer Engineering, GPA 3.87
Coursework includes: Developing Mobile Phone Applications, User Oriented Collaborative Design, Human Factors in Interface Design, Entrepreneurship & New Ventures, Robotics, Foundations of Computer Science

Experience

Employment

July 2010 - Present | **Google**, *Associate Product Manager*, Mountain View, CA.
Going to do some stuff for Google.

Summer 2009 | **Microsoft**, *Program Manager Intern*, Redmond, WA.
Analyzed log data to rearchitect anti-phishing system to reduce false positives by factor of two. Collaborated with partner teams on social network spam reporting, wrote specifications to guide implementation.

Summer 2008 | **Google**, *Software Engineering Intern*, Mountain View, CA.
Designed flexible data acquisition backend for Google Patent Search to handle large volumes of structured patent documents from a variety of sources using XSLT, XML, and Google storage technologies.

Course Projects

Fall 2009 - Spring 2010 | **Autonomous Ground Vehicle**, *Senior Engineering Capstone Project with Draper Labatory*.
Team of seven designed and built offroad robotics research platform. Autonomously followed GPS waypoints with half meter accuracy while pausing for obstacles using LIDAR. Designed and fabricated electrical and computational subsystems, managed $15,000 budget. (`http://vimeo.com/12405733`)

Spring 2009 | **Mural for Android**, *Developing Mobile Phone Applications*.
Team identified market opportunity, implemented mobile phone app to meet user need, and released to Android Market. App used Facebook API to turn Android phone's wallpaper into a social experience, enabling discovery and sharing with friends. (`http://grgmrr.com/projects/mural/`)

Fall 2008 | **ResumeBits**, *Entrepreneurship & New Ventures*.
Acted as CEO of business team to research market opportunity for online resume creation website. Conducted primary and secondary market research, including interviews and user studies.

Volunteering and Activities

2004 – Present | **FIRST Robotics**.
Volunteer mentoring inner-city students from Hyde Park, encouraging interest in science and engineering. Created video tutorial and information website to assist FIRST teams globally. Over 200k visits annually. (`http://www.thebluealliance.net`)

2008 - 2009 | **Olin Course Assistant ("NINJA") - Software Design, History of Technology**.
Course assistant for Professors Rob Martello, Lynn Andrea Stein. Help teach students computer science concepts and good writing technique, in and out of class.

Hobbies

Web Design and Development, Unicycling, Swimming

Skills

HTML, CSS, Javascript, CakePHP, Ruby on Rails, MySQL, Java, Android, Python, C, C++, Scheme

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