

Greg Marra

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EDUCATION

Franklin W. Olin College of Engineering – Needham, MA

May 2010

Candidate for Bachelor of Science in Engineering

Current GPA 3.87

Relevant Courses: Developing Mobile Phone Applications, Robotics, Entrepreneurship & New Ventures, User Oriented Collaborative Design, Human Factors in Interface Design, Foundations of Computer Science, Software Design, Foundations of Business & Entrepreneurship

EXPERIENCE

Microsoft – Program Manager Intern – Redmond, WA

Summer 2009

Analyzed log data to re-architect anti-phishing system to reduce false positives by factor of two. Collaborated with partner teams on social network spam reporting feature, wrote specifications to guide implementation.

Google – Software Engineering Intern – Mountain View, CA

Summer 2008

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, Olin College – Needham, MA

Mobile Phone Applications

Spring 2009

Worked in team combining entrepreneurship, engineering and design to identify market opportunity, implement mobile phone application to meet need, and release application into Android Market. Application uses Facebook API to turn Android phone's wallpaper into a social experience. (<http://www.getmural.com>)

Entrepreneurship & New Ventures

Fall 2008

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.

User Oriented Collaborative Design

Spring 2008

Collaborated with team to visit and understand private flight instructors, then designed, and developed a helicopter instrument panel replica to help students and instructors learn collaboratively and comfortably.

LEADERSHIP AND ACTIVITIES

FIRST Robotics – Hyde Park, MA & South Windsor, CT

Fall 2004 – Present

- 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>)

Olin Course Assistant (“NINJA”) – Software Design, History of Technology

Fall 2008 – Present

- Course assistant for Professors Rob Martello, Lynn Andrea Stein. Help teach students computer science concepts and good writing technique, in and out of class.

CORE (student government) – Vice President of Communication

Spring 2007 – Spring 2008

- Authored weekly electronic campus-wide newsletter and maintained student government web page.
- Developed web applications to automate and simplify common tasks of student government.

Hobbies

- Photography, Videography and Graphic Design (<http://www.twoplustwoequalsfive.com/>)
 - Web Design and Web Development
 - Unicycling, Swimming
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SKILLS

HTML, CSS, PHP, MySQL, MSSQL, Javascript, ASP, Python, C, C++, Java, Scheme, Adobe Premiere Pro, Final Cut Pro, SolidWorks, MatLab, MPLAB, Adobe Photoshop, Microsoft Word, PowerPoint, Excel, Access