

# Nathan Duffy

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**Permanent Address:** 3 Bear Hill Road, Brookline, NH 03033

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## OBJECTIVE

To exercise my understanding of information technologies, programming languages, and their applications in progressive web systems and services.

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## EDUCATION

**Rensselaer Polytechnic Institute (RPI), Troy, NY**

Expected Graduation: December 2012

*B.S. in Information Technology and Web Science*

*Concentration in Entrepreneurship*

- Current GPA: 3.16/4.0 | Dean's List 4 semesters

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## WORK EXPERIENCE

**Fidelity Investments Intern, Lead Developer, Merrimack, NH**

June 2011 – August 2011

- Enhanced user experience by introducing a separation of client-side and server-side processing.
- Worked with PHP, SQL, JavaScript, HTML, and CSS.
- Developed competence and confidence in project management along with a deep understanding of web systems.

**Work Study, RPI Electrical Engineering Department, Troy, NY**

September 2008 – December 2010

- Assisted staff on various projects (e.g. employee evaluations, employment applications).
- Tasks have included the use of MS Word and Excel.

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## RELEVANT COURSEWORK

**Creativity and IT, RPI**

Fall 2010

- Discussed the wide range of problems that information technologies can be applied to.
- Designed a website that allowed users to post photos and descriptions of upcoming community service events and opportunities.

**Introduction to Human-Computer Interaction, RPI**

Spring 2011

- Examined various aspects, interaction patterns, and design principles critical to developing naturally usable interfaces.

**Web Systems Development, RPI**

Spring 2011

- Explored different web technologies and programming languages, their uses and standards.
- Utilized these technologies to perform a variety of tasks, such as database management and handling third-party data.

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## TECHNICAL SKILLS

**Experienced in:** Adobe Photoshop, phpMyAdmin, UNIX, Apache servers

**Languages, frameworks, etc.:** HTML, CSS, C++, C, JavaScript, jQuery, PHP, SQL

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## ADDITIONAL EXPERIENCE

Pi Kappa Phi Fraternity, *AT Chapter Historian*

December 2010 – May 2011

Tobacco Haven, Brookline, NH, *Machine Maintenance*

June 2009 – August 2010