

# Nathan Duffy

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

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## OBJECTIVE

To intern at an innovative company, building web applications and managing databases, while providing tangible benefits to the organization and its customers or clients.

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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: 3.19/4.0 | Dean's List 6 semesters

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## WORK EXPERIENCE

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

June 2011 – August 2011

- Worked with PHP, SQL, JavaScript, HTML, and CSS to further develop a web application for keeping track of electronic invoices.
- Enhanced user experience, through performance, by introducing a separation of client-side and server-side processing.

**RPI Electrical Engineering Department, Work Study, 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

**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.

**Web Science, RPI**

Fall 2011

- Examined characteristics of the web since its conception and hypothesized about the future of the semantic web.
- Created small web apps, in teams, that exemplified each stage of the web.

**Managing IT Resources, RPI**

Fall 2011

- Developed a mobile application for a startup company's existing web service.
- Identified a wide range of considerations regarding IT and IS implementations in competitive organizations.

**Data Resource Management, RPI**

Spring 2012

- Analyzed the business reasoning behind data management technologies and structural decisions in organizations.

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## SKILLS

**Experienced in:** Adobe Photoshop, phpMyAdmin, MySQL, MS SQL, UNIX, Apache

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

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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