Nathan Duffy

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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.

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

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.
▪ Developed competence and confidence in project management along with a deeper understanding of web systems.

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.

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.

SKILLS

Experienced in: Object-oriented programming, Adobe Photoshop, phpMyAdmin, MySQL, UNIX
Languages, frameworks, etc.: PHP, SQL, CSS, JavaScript, jQuery, HTML, C++, C

ADDITIONAL EXPERIENCE

Pi Kappa Phi Fraternity, *AT Chapter Historian*   December 2010 – May 2011
Tobacco Haven, Brookline, NH, *Machine Maintenance*   June 2009 – August 2010