

Nate Duffy

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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: 3.24/4.0 | Dean's List 7 semesters

Experience

Fidelity Investments Intern, Lead Developer, Merrimack, NH Summer 2011, 2012
▶ Worked with PHP, MySQL, JavaScript, HTML, and CSS, to further develop a web application for keeping track of electronic invoices.
▶ Enhanced user experience by introducing a performance-focused separation of client-side and server-side processing.
▶ Cut query execution time by restructuring the existing database architecture and minimizing queries performed on MySQL views.

Skills

Languages, frameworks, etc.: Python, Ruby, PHP, SQL, JS, jQuery, CSS, HTML, C++
Other: UNIX, Apache, responsive web design, Adobe Photoshop

Coursework

Data Resource Management, RPI Spring 2012
▶ Created a TPS, a data warehouse, and an online analytical processing (OLAP) cube using Microsoft applications.
▶ Experimented with extraction transformation and loading (ETL), and data mining.
Managing IT Resources, RPI Fall 2011
▶ Developed a mobile application (using responsive web design) for a startup company's existing service.
▶ Identified a wide range of considerations regarding IT and IS implementations in competitive organizations.
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.

Additional Experience

Pi Kappa Phi Fraternity, AT Chapter Historian, Social Chairman Spring 2011, Fall 2012
Tri-M Music Honor Society, Hollis-Brookline High School