

Patrick Reed

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ACCOMPLISHMENTS

- Technical lead on the initiative to convert RIT Libraries web-publishing platform from static HTML to a robust Drupal-based content management system with a distributed authoring environment
- Served as a technical advisor to RIT's campus-wide content management system conversion strategy and implementation
- Contributing member of RIT's Web Advisory Committee, helping to align university website development with RIT brand identity and strategic initiatives across campus
- Nine years of experience in the area of web-based application design and development

TECHNICAL SKILLS

Programming:

PHP, XHTML/HTML5, CSS, JavaScript, JavaScript frameworks (jQuery, Dojo, MooTools), XML, XSLT, Java, Objective-C, ColdFusion, SQL/MySQL/MS SQL, Perl

Software:

Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver, Microsoft Office, phpMyAdmin, Microsoft SQL Server Management Studio, oXygen, Xcode, Eclipse, NetBeans, jGRASP

EXPERIENCE

Information & Technology Services, Rochester Institute of Technology, Rochester, NY

Web Programmer/Analyst 06/2010–Present

- Design and development of dynamic, database-driven web applications and web services for RIT
- Development, design, and administration of a multi-site Drupal content management system with over 90 sites
- Built automation tools that significantly streamlined the management of institute content management system
- Designed and developed several Drupal-based ecommerce sites for RIT departments
- Web server administration

The Wallace Center/RIT Libraries, Rochester Institute of Technology, Rochester, NY

Web Administrator 01/2006–06/2010

- Designed and developed dynamic, database-driven web applications for RIT Libraries and the RIT community
- Developed and administered a multi-site Drupal content management system with over 15 sites and 30 content authors and editors
- Developed the Cary Graphic Arts Press electronic store which increased their online sales by 10% while streamlining their product management and order fulfillment processes
- Worked with multiple business units to investigate and develop new project ideas (requirements gathering, design, development, training, and support)
- Managed and mentored student workers

Eastman Kodak Company, Rochester, NY

Web Developer / Imaging Science Engineer 05/1998–01/2006

- Designed and developed dynamic, database-driven web applications for the Kodak R&D community
- Site development project leader for intranet site
- Establish image quality metrics for digital printing systems

Greymod Interactive Corp., Rochester, NY

Web Developer (part-time)

11/2001–10/2003

- Web design and development of small-to-medium-size websites using PHP, Perl, HTML, CSS, and JavaScript
- Worked directly with clients to define site specifications

EDUCATION

Rochester Institute of Technology, Rochester, NY (2006–Present)

Masters of Science degree in Information Technology (In progress, Expected graduation 2011)

- Concentrating in the areas of web development, human-computer interaction, and XML data management

Rochester Institute of Technology, Rochester, NY (1996–1998)

Bachelor of Science degree in Imaging Systems Management

- Awards and honors achieved: dean's list, McGhee Academic Scholarship Recipient, Vice President of the RIT Photo Finisher's Marketing Association

Herkimer County Community College, Herkimer, NY (1994–1996)

Associate degree in Photographic Technology

- Awards and honors achieved: dean's list, graduated with honors

Eastman Kodak Company, Rochester NY (2004–2006)

Imaging Science and Technology Career Development Program

- Selected to be one of 15 Kodak employees to participate in the ISTCD class of 2006

PATENTS AND PUBLICATIONS

F. Transvalidou and P. Reed, "Ultrasonic Cleaning in Batch Photo Processing Equipment," U.S. Patent 6,599,037, Jul. 29, 2003.

M. Kam-Ng, P. Reed, and F.X. Byrne, "Quantifying Fringing in Digital Silver Halide Writing," Final Program and Proceedings of IS&T's NIP19: International Conference on Digital Printing Technologies, 781-784 (2003).

M. Kam-Ng and P. Reed, "Diagnosis for Differential Gloss in Color Hard Copy Outputs," Final Program and Proceedings of IS&T's NIP20: International Conference on Digital Printing Technologies, 450-453 (2004).

References are available upon request