# Patrick Reed

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## ACCOMPLISHMENTS

- Technical lead on the initiative to convert over 30 RIT Business unit web sites from static HTML to a Drupal-based content management system with a distributed authoring environment
- Technical lead on the initiative to convert RIT Libraries web-publishing platform from static HTML to a Drupal-based content management system with a distributed authoring environment
- Developed a multi-restaurant online food ordering system for RIT Dining Services
- 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
- Member of RIT's Mobile Strategy Committee
- Eleven years of experience in the area of web-based application design and development

## TECHNICAL SKILLS

**Programming:**
PHP, XHTML/HTML5, CSS, LESS, JavaScript, JavaScript frameworks (jQuery, 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, CodeKit

## 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 150 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, HMTL, CSS, and JavaScript
- Worked directly with clients to define site specifications


## EDUCATION

**Rochester Institute of Technology, Rochester, NY (2006–2013)**

*Masters of Science degree in Information Technology (In progress, Expected graduation Dec 2013)*
- 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*