

Paul Przyborski

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HIGHLIGHTS OF QUALIFICATIONS

- Highly experienced object-oriented HTML5/CSS3/PHP/MySQL/jQuery developer with an extensive background custom programming, as well as WordPress, Drupal and Zend frameworks.
- Public outreach focused, both through integration of social networking into existing and newly created code bases, as well as direct engagement of the public through various speaking opportunities.
- Maryland State certified instructor with courses taught in Web Page Design, JAVA, JavaScript, CSS, DHTML, XHTML, PHP, Adobe Creative Suite (including Photoshop, Illustrator, Flash and Dreamweaver), and Microsoft Office (including Access and Publisher).
- Outstanding communicator with a caring, diplomatic, and professional manner.
- Extensive background in computer hardware, software and networking.

SELECTED SKILLS AND ACCOMPLISHMENTS

Technological Development

- Developed a variety web applications for NASA's Goddard Space Flight Center that incorporate data design, custom CMS design, and active content management using PHP, MySQL, Ajax, JavaScript, jQuery, HTML/XHTML, CSS, and other languages with a strong emphasis on secure coding practices.
- Created a custom Content Management System in use by multiple NASA groups and NOAA's Climate Project Office.
- Conceptualized, built, and maintain numerous highly technical and Education/Outreach based websites.
- Created custom web applications to better integrate sites in with social networking and other third-party sites.
- Provide back-up support for system administrators on LAMP web servers.
- Member of the GSFC Sciences Exploration Directory Web Council that has developed new Goddard-wide web policies.
- Tasked with the web-based distribution of information to a variety of communities, ensuring that the information is accessible to all users (including 508 compliance).
- Responsible for the introduction of new technologies to better improve workflow.
- Led a student-based initiative to renovate and expand Southern High School's web presence.
- Implemented the web-based distribution of information to teachers, staff, parents, and the community, ensuring that the information is accessible to all users (including 508 compliance).
- Integrated technology, including Blackboard and other web-based software into courses where not normally utilized.
- Work independently with private companies to help develop and coordinate their web-based efforts.

Business/Community Relations

- Work as the main point of internal and external contact for web-related issues within several branches at GSFC.
- Used technology, including web-based information, to improve communication between the school, teachers, parents, and the community.
- Planned numerous extracurricular activities, including organizing business tours, coordinating transportation, and chaperoning students on out-of-town trips.
- Assistant coach of the first Southern High School Swim Team.

Curriculum Development

- Worked on statewide and local committees to develop innovative curriculum to instruct individual students, small groups, and classes of 30+ students.
- Created comprehensive classroom web design resources, encouraging students to take material home to implement outside of school.
- Used unconventional methods and resources to generate student interest in materials and improve spelling and grammar.

WORK EXPERIENCE

Web Developer 2009-Current

Sigma Space Corporation, Lanham, MD

Lead Developer for NASA's Earth Observatory (November 2009 to present), Visible Earth (May 2011 to present), and several other agency wide websites.

Responsible for creating, maintaining and implementing websites and applications for specific branches of NASA's Goddard Space Flight Center.

Web Developer 2007-2009

Science Systems and Applications, Inc., Lanham, MD

Responsible for creating, maintaining and implementing websites and applications for specific branches of NASA's Goddard Space Flight Center and NOAA's Climate Program Office.

Full-Time Teacher/Work-Based Learning Coordinator 2003-2007

Southern High School, Harwood, MD

Courses taught include, but not limited to:

- AP Computer Science A & AB
- Introduction to Computer Science JAVA
- Web Page Design
- Advanced Web Page Design
- Office Systems Management
- Introduction to Computers
- Keyboarding
- Diversified Occupations (including DIV OCC Work Experience)
- Life and Career Skills

Technical Support Technician 2000-2002

Act Personnel Services, LaVale, MD

Responsible for the maintenance and development of web and other networked services.

EDUCATION AND CERTIFICATION

Bachelor of Arts in Business Education

Frostburg State University, Frostburg, Maryland, 2003

Maryland State Standard Professional Certification, Business Education Grades 7-12

Work-Based Learning Coordinator Certification

Customer Service Certification, NRF Foundation

PUBLICATIONS AND AWARDS

2009 Hydrospheric and Biospheric Sciences Laboratory Peer Award for "Outstanding Technical Support"

2009 Climate and Radiation Branch "Outstanding Technical or Science Support/Achievement Award"

Bindschadler, R.A., B.A. Campbell, and P.D. Przyborski, 2008: Antarctica in High Definition, *The Earth Scientist*, XXVII (1), 6-9.

SSAI Performance Award, June 2008 – For contributions as a member of NASA's Earth Observatory, winner of the 2008 People's Voice Award Webby in the Science Category

Imagery and activities developed as part of the Landsat Image Mosaic of Antarctica (LIMA) team have been featured in the January 2009 publication of *The Science Teacher* (Vol 76 No. 1)