

PAMELA D. RICHMOND

Environmental Science Division
Argonne National Laboratory
Argonne, Illinois

Education

M.S. University of Phoenix, Computer Information Systems, 2004
B.S. College of St. Francis (Joliet, IL), Computer Science, 1997

Professional Experience

1998-present Project Manager Internet Communications

Responsible for oversight, design, and development of dynamic web sites using leading-edge technology to support programs and projects in the areas of environmental remediation, environmental impact statements, and decision support. Areas of expertise include designing the user experience, web site usability/accessibility, navigational design, graphical user interface design, database development, and application programming. Emphasis on communicating technical scientific information to non-technical audiences and conducting public outreach and involvement via the web.

Extensive experience in the design and implementation of large-scale information systems on the web including needs analysis, graphic design, programming, and operation. Responsible for development of programming standards and development of creative solutions for complex technical problems; conducting and analyzing needs assessment workshops; and developing documentation, reports, and presentations.

1997 – 1998 Systems Analyst, Caterpillar, Joliet, IL

Migrated mainframe-based reports to modern systems using the Actuate Reporting System and Seagate Crystal Report. Deployed the system for the Joliet plant and conducted training and support. Developed Safety Report System in Visual Basic.

1994 – 1997 Special Term Appointee, Argonne National Laboratory, Argonne, IL

Assisted in design, development, and maintenance of Web sites and multimedia CD-ROM applications. Designed interface, created graphics, and developed code for a multimedia application in support of remediation activities at a U.S. Army base in Germany. Developed Authorware applications for multiple projects. Processed digital graphics and video for multimedia and Web applications.

Publications

Co-author of 25 articles, reports, and conference publications.