

George Abraham

abraham.46 AT osu.edu

Work Experience

Senior Systems Developer

November 2004 - present

The Ohio State University - College of the Arts and Sciences

- Designed and developed Media Manager, a digital media tool for faculty and staff.
- Managed support, administration, training, documentation and maintenance for existing applications for Knowlton School of Architecture and other departments.
- Conducted research into integrating new technologies with learning tools.

Systems Developer

October 2003 - November 2004

The Ohio State University - College of Education

- Managed College web site
- Managed design, development and maintenance of accreditation and student/course tracking applications.

Graduate Assistant/Application Developer

April 2000 - September 2003

The Ohio State University - Various units (Web Accessibility Center, Department of Recreational Sports, Web Media Collective)

- Supervised and trained team of students in evaluations of University websites for ADA-compliance. Created database-driven web application for tracking evaluation and compliance.
- Maintained departmental network, database design, web application design and network administration.
- Created web video archive for course-assistance in department of African-American and African Studies.
- Created visual resource library for department of History of Art for course-assistance.

IT Intern (Application Development)

October 2001 - June 2002

Battelle Memorial Institute - Battelle Healthcare Products IT

- Designed and developed intranet web applications.

Education

Master of Science

March 2000 - June 2003

Major: Cognitive Systems Engineering.

Industrial and Systems Engineering, Ohio State University, Columbus.

Bachelor of Engineering

June 1994-January 1999

Mechanical Engineering, University of Mumbai, Bombay.

Computer Proficiency And Knowledge

Languages Pascal, C/C++, Java, JavaBeans, JavaScript, AutoLISP, Visual Basic, SQL, HTML/XHTML, CSS, UML, PHP, ColdFusion ML, ASP, XML, XSLT. Familiar with PERL and ActionScript.

Concepts Object Oriented Programming, Component-based programming, Design Patterns, FuseBox, Java-COM Bridging, UI Design, Relational Database Design, Data Modeling, Website Architecture, Dublin Core, RDF. Familiar with Use Cases, SOAP, Web Services and XML-RPC.

Packages MS Office, MS SQL Server, Sybase, AutoCAD, I-DEAS, MATLAB, Macromedia Cold Fusion Server, IIS, Apache, Jakarta Lucene & Solr, Jakarta POI, Image Server Technologies, Adobe Photoshop. Familiar with FireWorks, Flash, MySQL, PostgreSQL and Jakarta Tomcat.