

JOSEPH S. BARNETT

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SKILLS

Languages: Perl, Ruby, SQL, PHP, Java, C/C++, (X)HTML/CSS, VBScript/ASP

Operating Systems: Linux, BSD UNIX, MacOS, Windows (XP/2003)

Application Platforms: Apache, PostgreSQL, MySQL, Oracle, SQL Server

PROFESSIONAL EXPERIENCE

ARIZONA STATE UNIVERSITY, TEMPE, ARIZONA (2008 - present)

DATABASE ANALYST, Lunar Reconnaissance Orbiter Camera

Database design, development, and administration; programming; process automation.

- Design, development, and administration of a spatially and spherically aware database
- Design and development of programs to provide access to the database
- Scripting to automate data analysis tasks and integrity checks
- Analysis of spatial displacement between historical lunar mission data and recent LROC data

INDEPENDENT CONTRACTOR (2002 - 2009)

Provided consulting and contract services to clients including Booksfree.com, America Online, U.S. Department of Health and Human Services, and others.

- Programming, database design and development
- Systems administration, security consulting
- Technical and business consulting
- Project management
- Proposal writing

EXIT1, INC., RESTON, VIRGINIA (1999 - 2002)

SENIOR PROGRAMMER, Web Development

Full and partial life-cycle development of database-driven, Web-based applications for corporate, public, and non-profit clients.

- Developed a complete E-commerce solution for Booksfree.com
- Created an internal sales process tracking system
- Redesigned and re-engineered an internal work-flow management system
- Implemented product testing and configuration management guidelines
- Installed, configured, and administered various BSD UNIX and Linux based servers and firewall/gateway appliances

AMERICA ONLINE, INC., DULLES, VIRGINIA (1994 - 1999)

SOFTWARE ENGINEER, Configuration Management

Created and maintained configuration management and software build tools.

Also served in software test and member services roles.

EDUCATION

ARIZONA STATE UNIVERSITY, TEMPE, ARIZONA (2009 - 2010)

MAS, Geographic Information Systems

ARIZONA STATE UNIVERSITY, TEMPE, ARIZONA (1987 - 1991)

BS, Finance

SUMMARY

Seasoned professional with a customer centered, detail oriented approach and a proven record of achievement in technical architecture, programming, database development, configuration management, testing, and systems administration.

References available upon request