

Gregory J. Vogl

Academic Computing and Networking Services
Colorado State University
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Qualifications Summary

- Experienced developer, designer, content manager, and systems administrator
- Skilled in teaching, training, instructional design, documentation, evaluation and support

Information Technology Skills

Programming: ASP.NET (C#, VB), LINQ, WCF, MVC, ASP, PHP, Java, Perl, R, APIs, services
Scripting & Markup: JavaScript, jQuery, JSON, AJAX, HTML5, XHTML, XML, RSS, CSS3, shells
Code Editors: Visual Studio, VS Code, Dreamweaver, NetBeans, Eclipse, notepad++, vi
Techniques: Responsive/mobile design, usability testing, accessibility, SEO, security

Operating Systems: Windows (Server, 10, 8, 7, Vista, XP), UNIX (Linux, AIX, Solaris), MacOS

Databases: Microsoft SQL Server, MySQL, Oracle, Access

Web Administration: IIS, Apache, Samba, Webmin, Subversion, Git, LinkScan

CMS, Wikis & Blogs: Drupal (6, 7, 8), WordPress, MediaWiki, Confluence, Jira, LibGuides

Microsoft Office: Word, Excel, Access, PowerPoint, Publisher, Outlook, Visio, OpenOffice

Media & Instruction: Photoshop, Canvas, Blackboard, SurveyMonkey, Kaltura, screencasting

Web Statistics: Google Analytics, Tag Manager, Webmaster Tools, WebTrends, AWStats

Web Search: Google Custom Search, Google Search Appliance, VuFind, Solr

Library Collections: DSpace, DigiTool, CONTENTdm, III Millennium, MARC, Dublin Core

Professional Experience

Middleware Developer, ACNS, Colorado State University, Fort Collins, Colorado, 2011-

- Developed Academic Computing and Networking Services website applications and content.
- Customized Canvas and Blackboard course management systems. Created support websites.
- Developed data management tools for Canvas and RamCT using C#, REST APIs and databases.
- Developed applications to manage Shibboleth service providers and InCommon certificates.
- Developed Echo360 video capture system account request forms using APIs and WCF.
- Developed Institutional Research, ISTE C, Telecommunications, and Mobile Apps websites.
- Developed the Colorado Encyclopedia website, maps, timelines and tools using Drupal 7.
- Provided second tier tech support to staff and students by email, phone and in person.

Web Developer/Coordinator, University Libraries, Colorado State University, 2004-2010

- Managed, designed and developed the Libraries website using Drupal, WordPress and PHP.
- Developed the interface and documentation for Discovery, a multi-silo library search tool.
- Developed Digital Collections of Colorado institutional repository interface and search tools.
- Developed CSU Libraries Digital Collections, 20 websites for digitized archival collections.
- Administered library content management systems, wikis, blogs, and web search tools.
- Administered several Libraries web servers running Linux, AIX and Windows.
- Developed and analyzed results of usability tests, surveys, usage statistics and error reports.
- Created Web design and development resources and tips for Libraries and CSU staff.
- Presented 20 workshops and talks on computing, libraries, education and development.

Computer Science Lecturer, Uganda Martyrs University, Nkozi, Uganda, 2003

- Taught Internet Technologies and Web Authoring, Object-Oriented Programming, Operating Systems, Data Communications and Networks, and Management Information Systems I.
- Developed online course materials including syllabi, lecture notes, coursework and exams.

Computer Science Lecturer, University of Bukoba, Tanzania (VSO Canada), 2001-2002

- Taught Programming Methodology II, Computer Applications II and Computer Maintenance.
- Initiated a university diploma including syllabi, materials and software for 14 IT courses.
- Facilitated 100 days of workshops in computer maintenance and PC applications.
- Administered 15 university PCs and helped 20 local organizations with PC administration.
- Created a large Access database for agricultural and environmental management.

Web Developer, Evaluation and Testing Services, Indiana University Bloomington, 1999-2000

- Developed and documented Web-based survey, evaluation and grade-posting software.
- Redesigned, developed and migrated the 1000-page BEST website.
- Administered 3 Solaris UNIX servers and provided technical support to faculty and staff.

Science Teacher, Ponghofi Secondary School, Ohangwena, Namibia (US Peace Corps), 1995-1997

- Taught Grade 11 and 12 IGCSE and HIGCSE Computer Studies, Physics and Chemistry.
- Designed, purchased and administered 28 PCs, peripherals, network, and software.

Education

MS in Computer Science and Education, GPA 3.6 and 3.9, Indiana University

- Provided first tier technical support to staff and students by e-mail, phone, and in person.
- Developed speech waveform analysis software, help menu system and documentation.

BS in Physics, GPA 3.6, University of Notre Dame

- Taught Intermediate Physics Laboratory I and II and Concepts of Modern Science courses.