

Gregory L. Koch II

Education

- Bachelor's of Science
New Mexico Institute of Mining and Technology, Socorro NM
Major in Technical Communication
Expected graduation: May 2009
Major GPA: 3.68

Awards and Accomplishments

- Accepted to present "The Benefits and Pitfalls of Social Networking Sites"
Society for Technical Communication 56th annual Summit
Atlanta, Georgia, May 3-6, 2009
- New Mexico Tech Bronze Scholarship, 2005-2009
- New Mexico Legislative Lottery Scholarship, 2006-2009

Professional Affiliations

- Society for Technical Communication
Trinitite Student Chapter President, 2006-Present
Kachina Professional Chapter Member, 2006-Present
- Society for Women Engineers
New Mexico Tech Student Chapter, 2006-2007

Interests

- Networking technologies including Ethernet, gigabit Ethernet, fiber optics, wireless, and cellular
- Data routing, security, privacy, filtering, and quality of service
- Server development and management
- Telecommunications and Voice over Internet Protocol technologies
- Web page and application development (especially using PHP)
- Web content management systems and web usability

Skills

- Highly experienced with a variety of operating systems including Windows Vista, Linux, and Mac OS X
- Experienced with Windows Server NT through Windows Server 2008 operating systems
- Website design with HTML/XHTML, CSS, PHP and MySQL Databases
- Knowledge of Unix network software such as ProFTPD, Apache, MySQL, Samba, IPTables, DHCPD, and Bind
- Experienced with VoIP technologies and systems like Asterisk and telecommunication wiring

- Extensive experience with Ethernet networking including cable fabrication and building wiring
- Experienced with Adobe Creative Suite 4 including Photoshop, Illustrator, InDesign, Flash, and Dreamweaver
- Advanced computer diagnostics, repairs, upgrades, and maintenance
- Proficient in Microsoft Word, Excel, PowerPoint, Publisher, and equivalent software

Current Coursework

- Biology 111: General Biology
- Economics 252: Principles of Economics
- English 311: Creative Writing
- English 389-02: Latin American Fiction and Art
- English 491: DS Writing for the Web
- Technical Communication 421: Professional Writing Workshop
- Technical Communication 422: Senior Thesis

Upper-Level and Relevant Coursework

- Computer Science 222: Systems Programming
- English 341: Technical Writing
- English 389: Advanced Public Speaking
- Information Technology 111: Introduction to Computer Science and Programming
- Information Technology 122: Data Structures and Algorithms
- Information Technology 221: Computer and Network Organization
- Information Technology 321: Internet & Web Programming
- Information Technology 382: Legal, Ethical, & Social Issues
- Information Technology 353: Data and Computer Communications
- Management 330: Organizational Behavior and Management
- Technical Communication 389: Philosophy of Electronic and Digital Communication
- Technical Communication 321: Internship
- Technical Communication 361: Digital Media Design
- Technical Communication 371: Publications Management
- Technical Communication 411: Persuasive Communication
- Technical Communication 420: Senior Seminar

Work Experience

- Web Developer Team Lead
August 2008 – Present
New Mexico Tech, Socorro, N.M.
Web Developer Team Lead for New Mexico Tech university website redesign. Build and maintain computer systems for development team and server system including network login, file shares, and web services. Design and program template for use with web content management system. Develop content hierarchy and categorizing schema. Collect content from old website and repurpose for use on new website. Manage and assign tasks to employees. Monitor employee progress and task completion. Develop server requirements and specifications for server transition and upgrade to support new website technology and features.
- Technical Writer
May 2007 – December 2007
Research & Economic Development, New Mexico Tech, Socorro, N.M.
United States Department of Energy, National Training Center, Albuquerque, N.M.
Wrote standard operating procedures for firing ranges and simulations. Updated and edited safety standard operating procedures. Maintained weekly meeting reports. Conducted document research for weekly meetings and director.
- Web Programmer and Document Editor
September 2006 – May 2007
Materials and Metallurgical Engineering Department, New Mexico Tech, Socorro, N.M.
Designed and programmed online testing interface for safety tests. Edited and input safety test into new online testing system.
- Systems Consultant and Department Assistant
August 2005 – May 2009
Humanities Department TC Lab, New Mexico Tech, Socorro, N.M.
Maintained lab computers and network. Performed maintenance on faculty computers when needed.
- Repair Technician and Customer Service Representative
February 2004 – Present
Best Buy Store 338, Albuquerque, N.M.
Complete advanced repairs on customer computers. Answer customer questions regarding computers and company policies. Provide customer assistance including sales, returns, credit applications, and inquiries. Member of Viewpoint team; leading store meetings and events, acting as employee mentor and moderator.
- Youth Worker
August, 2002 – January, 2004
Department of Senior Services, The City of Rio Rancho, Rio Rancho, N.M.
Typed newsletter articles and advertising materials. Maintained accuracy of database files and department website. Maintained computer lab and taught computer courses.
- Owner and Developer
August 2000 – Present
GLK Computer and Internet Services, Rio Rancho, N.M.
Host and design client websites, both individuals and small businesses. Maintain dedicated servers, databases, domain names, DNS records, and e-mail services. Maintain and design various multimedia websites. Troubleshoot and maintain computer systems.

Digital Works

- Esperanza De Joaquin Website
<http://www.joaquinshope.org/>
- New Mexico Tech Student News Paper (Paydirt) Website
<http://www.nmt.edu/~paydirt/>
- New Mexico Tech Technical Communication Program Website
<http://www.nmt.edu/~tc/>
- New Mexico Tech University Website (currently under development)
<http://www.nmt.edu/>
- Proprietary Web Content Management System for IT321 course
<http://www.gregkoch.us/it321> & <http://www.gregkoch.us/it321/admin.php>

Unpublished Scholarly Works

- Andrew Carnegie Research Essay
- Business Communication Literature Review
- Changing Political Views Through Media
- Management Case Studies: Consultant Report, Proposal, Standard Operating Procedures, and Corporate Meeting Materials.
- New Mexico Tech Senior Engineering Design Heliostat Funding Proposal
- Net Neutrality: the Great Debate
- Single Sourcing Essay
- Television Technologies Research Paper
- Web Content Management Systems Literature Review
- Web 2.0 Research Paper

Other Works

- Miners' Ink Fall 2008 Literary Magazine, Layout and Design
- Miners' Ink 2008 SciFiCon Program, Layout and Design
- American Indian Science and Engineering Society Region 3 Conference Program

References

- Julie Dyke Ford, Ph.D.
Technical Communication Program Director and Associate Professor, New Mexico Tech
- Maggie Griffin, Ph.D.
English Instructor, New Mexico Tech
- Clinton Lanier, Ph.D.
Technical Communication Assistant Professor, New Mexico Tech
- Dwayne Layman
Services Manager, Best Buy Store 338
- Rick Mott, Ph.D.
Assistant Professor of English, Eastern Kentucky University

- Glenda Stewart-Langley
English Instructor, New Mexico Tech
- Lynda Walsh, Ph.D.
Assistant Professor of English, University of Nevada, Reno