

Michele Barone

31630 Hilltop Road
Golden, CO 80403

303-642-0433
mbarone@wondervu-consulting.com

Summary of Technical Skills

- Web site development utilizing HTML, CSS, JavaScript in conjunction with PHP connections to MySql and Oracle databases.
- Specializing in custom support scenarios for small business and home computers and networks including highspeed Internet support.
- Hardware, software and network support for Windows, Mac and Linux desktop computers and printers.
- Online course development and testing for Sun Educational Services classes in computer networking, systems administration and operating systems.
- Computer Science classroom instruction and course development
- Provided all levels of computer system and network support in large heterogeneous computing environments including Windows 2000-XP, Exchange Server, IIS, Macintosh, UNIX and Linux.
- Working management of a Unix (Solaris) Systems and Network Administration team that provided all levels of computer systems, network and user support.
- Member of a team of software engineers tasked with the design, development and support of e-learning platform for online course presentation using software written in Java.
- Developed and maintained instructional and research laboratories for both Institute of Cognitive Science at the University of Colorado and Sun Microsystems.

Employment Experience

Wondervu Consulting Services

2002-present

31630 Hilltop Road Golden, CO 80403 303-642-0433
<http://www.wondervu-consulting.com>

Providing all aspects of Computer, Network and Web Design Consulting for home and small business clients.

Technical Experience

- Web site development utilizing HTML, CSS and PHP connections to MySql databases.
- Construction of E-Commerce website utilizing OS-Commerce
- Research, selection, procurement, installation and support of all aspects of home and office networking and computer equipment including Mac, PC and all flavors of UNIX/Linux including Red Hat and Solaris 10.
- Wireless network installations and support.
- All aspects of desktop support including Windows installations and updates, virus removal, software installation, hardware troubleshooting and repair.
- Network and desktop support for K-12 schools. Including procurement, programming and maintenance of Linux Firewalls, Windows 2000-XP Desktop Installations with use of Microsoft Office Suite and multiple versions of Outlook. Familiar with Ghost and Deep Freeze configuration. Configuration of Exchange Server and IIS.
- Expert liaison between high speed Internet Service Providers (ISP) and consumers.
- Online and telephone support of Unix Operating Systems including Solaris 10 and Linux

Educational Experience

- Development of individualized customer training.

Sun Educational Services Division of Sun Microsystems

1998–2002

500 Eldorado Blvd Broomfield, Colorado 80021

Technical Experience

- Manager and Technical Lead of a Systems and Network Administration team that provided all levels of computer systems, network and user support.
- Server/Network hardware and software acquisition to meet Solaris online course delivery system requirements (24/7support).

- System and Network performance tuning.
- Review and selection of external ISP to host production servers including analysis of data centre and network requirements.
- Network and TCP/IP security and firewall policy design and implementation including chroot and security patch management.
- The following environments were designed and maintained in support of e-learning software development research:
 - WindowsNT Network Domain and Apple Mac workstations.
 - Multiple versions of Solaris (UNIX) Operating System on multiple hardware platforms including, Enterprise Server 4x00, E450, E3000, E6500, E6800 and Ultra workstations in fault tolerant clusters..
 - Multiple servers running Oracle Database.
 - SAN, RAID and file system management using Veritas Volume Manager and Solstice Disk Suite software.
 - Installation, configuration and maintenance of web servers including Apache, iPlanet Application Server, Netscape Enterprise Server and JavaWebServer including proxy services.

Educational Experience

- Member of a team of curriculum developers tasked with the design of Solaris Systems, Network and Java Programming courses for both classroom and web delivery.
- Member of a team of software engineers tasked with the design, development and support of distance e-learning web presentation software written in Java.

Research Experience

- Lab manager for state of the art computer research lab.
- Design physical space and network requirements for multiple course development labs. Liaison to network design team, building architects and maintenance crews to configure new research labs to meet e-learning course development specifications.
- Design of networks providing lab and office workstation connectivity and support for all lab networking equipment including Cisco routers, switches and firewalls.

SunLabs Division of Sun Microsystems

1996-1998

315 E Hopkins Ave, Aspen, Colorado 81611

Technical Experience

- Architecture, design and implementation of multiple networks for Sun Wide Area Network (SWAN) and Internet connections including use of microwave networking.
- Cisco Routers, bridges, SunScreen EFS firewall, Solstice Site Manager, SunNet Manager.
- Set-up and maintenance of DNS, NIS, NFS, SMTP, NNTP, SNMP, and Sun's Metadisk.
- Supported Apple Mac hardware and software used in web site development.
- Creation of online documentation in HTML.
- Installation and maintenance of multiple WindowsNT servers and workstations.

Research Experience

- Reported directly to Sun Microsystems co-founder and Chief Scientist, Bill Joy at his research and development Lab, Aspen Smallworks, where Java programming language was created.
- Installation and maintenance of Apache and IIS Web Servers used to support both research and local community development including support for the Aspen Institute and the Aspen Centre for Physics networks.
- Responsible for network connectivity and security for Sun Microsystems proprietary and confidential research projects.
- Instrumental in design, installation and maintenance of research wireless network covering the entire city of Aspen.

Colorado Mountain College

1996-1998

PO Box 10001, Glenwood Springs, Colorado 81602

(concurrently)

Educational Experience

- Adjunct Faculty member in Computer Information Systems Department.
- Provided an exciting and enthusiastic classroom environment for both traditional and continuing education students.
- Classes were accepted as transfer credit in an articulation agreement with the state of Colorado university system and other accredited degree programs.
- Curriculum development, course authoring and preparation.

- Utilized multimedia and web presentation for the following classes Networking Concepts (CIS 186), Using the Internet (CIS 126), Web Page Design and Creation (CIS 128), Introduction to the PC (CIS 110), Introduction to Computer Information Systems (CIS 115), Introduction to Operating Systems (CIS 124) and Introduction to PC Applications (CIS119).
- Course material and sample presentations available upon request.

Abacus Direct Corporation

1994-1995

Currently a Division of Double Click, Inc 11101 W 120th Ave, Broomfield, Colorado 80021

Technical Experience

- Manager of Systems Administration and Networking.
- Provided all levels of computer system and network support for a large heterogeneous computing environment for a company specializing in data modeling software development
- Architecture, design and installation of a state of the art computer centre and corporate network including the introduction of Internet access, subnets, routing and SNMP agents.
- Installation of Netscape Enterprise Web Server and creation of first corporate Web Site.
- On-line documentation of existing and new network designs in HTML.
- Provided all aspects of user, programmer and operator support and training for MacOS and Windows workstations.
- System and network hardware acquisition and installation including planning, vendor contact, investigation, purchasing, testing and maintenance.
- 7 X 24 production operations support.
- Oracle Database support.
- PC/NFS, POP, Eudora mail, Mac/TCP, MacX, Xwindows, MS Windows.
- NFS/automounter, sendmail, SNMP, Internet connectivity, and NIS, Sun NetManager.

National Oceanic and Atmospheric Administration (NOAA)

1992-1994

Computer Systems Analyst for Communication Network Systems
325 Broadway Boulder, Colorado 80305

Forecast Systems Laboratory (FSL),

Technical Experience

- Installed, modified and maintained: DNS, NIS, NFS, sendmail, and remote printing in a client/server application environment.
- Architecture, design and implementation of network to support both DECnet, Apollo Token Ring and TCP/IP.
- Evaluation and use of network diagnostics such as HP OpenView, Sun NetManager.
- Programmed and tested routers, bridges and switches.
- PC/UNIX/VMS/Macintosh network connectivity: PC/NFS, Mac X, Mac/TCP, Pathworks, Multinet and Novell.
- Providing support to promote the development of a true Open Systems environment.
- Software installation, integration and maintenance.
- Met researchers' specifications by supporting the following operating systems: SunOs, Solaris, Ultrix, HP-UX, OSF/1, SCO PC UNIX, DomainOS, AT&T System 5, IBM AIX, MacOS, Windows.
- Utilized Public Domain Software by installing and maintaining GNU C, GNU C++, LaTeX, LA Graphics, RCS, and netCDF.
- Developed security policy utilizing C2, secure logins, secure inetd, auditing and sudo.

Research Experience

- Provided all levels of system administration and networking support for a large multi-platform computer research environment.
- Member of research team developing new Federal Aviation Administration Air Traffic Control system.
- Member of Instruction and Training Committee.
- Provided Intel and Cray Super Computer support and training.

University of Colorado, Boulder

1984-1992

Computer Systems Analyst Institute of Cognitive Science Campus Box 345

Boulder, Colorado

Technical Experience

- UNIX system administration and Internet connectivity for Hewlett-Packard colour graphics workstations.

- Developed and maintained instructional and research laboratories in the various campus departments that comprised the Institute of Cognitive Science.
- VMS system administration.
- Hardware and software installation, troubleshooting and support.
- Selection, installation, and maintenance of all types of Ethernet communications devices, network interfaces and related software (including NFS, automounter) on VAX/VMS, UNIX and ULTRIX workstations using TCP/IP and DECnet, along with IBM/PCs using PC/NFS and Apple Macintoshes using AppleTalk and TCP/IP.

Educational Experience

- Developed curriculum, prepared syllabus and presented non-credit seminars on LISP programming language to Cognitive Science graduate students.
- Developed curriculum, prepared syllabi and presented MacOS Microsoft Word on Mac, VMS and UNIX training classes to staff members and interns.
- Training, mentoring and supervision of student interns for both directed and independent study programs.

Research Experience

- Member of Campus InterNetworking Committee which was instrumental in the design of the State of Colorado's connection to the Internet and assured that all Colorado centres of higher education had appropriate internet connectivity.
- Selection and testing of LISP environments for Artificial Intelligence Workstations.
- Design and implementation of cognitive simulation packages and expert systems for research projects
- Real-time programming for data collection and analysis.

Education

- Colorado Community College Instructor Certification, Colorado Mountain College, Glenwood Springs, Colorado.
- Completion of twelve (12) graduate level credits in Computer Science and Psychology at the University of Colorado, Boulder.
- Bachelor's of Science Degree in Computer Science from the State University of New York College at Brockport, May 1984.
- Associate in Applied Science Degree in Computer programming from Genesee Community College, Batavia, NY, May 1981.

Volunteer Service

- Volunteer Treasurer and member of the Board of Directors for KGNU alternative grassroots community radio 88.5 FM Boulder and 1390 AM Denver. 2003-2005
- Learned to work with consensus model as a member of KGNU Web Site Redesign and Internet Technologies Committees.
- Web Site development and support for the Squamish Historical Society, Squamish, BC Canada.

References available upon request

<http://wondervu-consulting.com>