

Michael Fariss

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EDUCATION:

- Sun & SJSU Certification Program: UNIX Administration [2000]
- San Jose State University: **B.S. in Software Engineering** [2002] GPA: 3.65 with honors
- CareerTrack: Communications Skills Course [2008]
- CareerTrack: Management Course [2009]
- Argosy University: **M.S. in Management** (in progress) [2010] GPA: 3.67
- UC Berkeley Extension: Certificate in Management (in progress) [2011] GPA: 4.0

WORK EXPERIENCE:

8th Day Computer Consulting Founder and Manager 1991-Present

- Advised and implemented the best ways to utilize technology (for individuals and organizations).
- Wrote custom programs including iPhone web Apps and Linux web acceleration.
- Configured routers, setup servers for E-Mail and Internet for individuals and organizations (St. Elizabeth Seaton, PV School District, Old Orchard, Cagen, PV Foundation, SJU & Others).
- Managed employees, managed vendors and did all billing and promotion.
- Performed server & client installations, did troubleshooting and setup wired/wireless networks.
- Trained commercial and private clients how to use Internet, E-Mail and other programs.

Woodside Priory School System Administrator 1996-2009

PROGRAMMING EXPERIENCE:

- Translated user needs into business requirements, then into production-grade programs.
- Wrote over 15 database-driven programs in various languages, most are in production today.

EXPERIENCE MANAGING PEOPLE & EXECUTING PLANS:

- Interviewed, trained & helped manage 7 employees in customer service and tech (separately).
- Directed daily meetings, took minutes and prioritized plans according to management's needs.
- Created, tracked & reconciled IT budget every year since 1999 (came to within 1% of prediction).
- Wrote policies, managed vendor costs, conducted weekly service outage drills with staff.
- Documented: test cases, procedures, long-term plans, network upgrades & maintained inventory.
- Created a Disaster Recovery Schedule to restore core services after a fire.

SYSTEM AND PROJECT MANAGEMENT EXPERIENCE:

- Managed over 20 major projects that concurrently involved several departments and contractors.
- Achieved more than 99.8% high availability, in a small school, with an extremely small budget.
- Built, from the ground up, a 34-building network of 700 computers including server room power, A/C and industrial servers, (E-Mail, filesharing, Windows Directory, payroll, databases, redundant Internet and 32 other services, with audited backup, monitoring and paging). [Linux, Mac, Win]
- Invented a dynamic method to keep all 1200 users on the Internet, despite failing telephone lines.
- Designed & implemented network security systems for sensitive Business Office records.

Hewlett Packard Performance Engineer (SEED) 1997-1998

- Wrote software tools in C, for running tests on HP-UX (UNIX) web servers including performance tests, then wrote performance assessment reports (SPEC-Web97 benchmark).
- Responsible for configuring and optimizing HP-UX (UNIX) servers (and racked drivers) to be tested under load, in order to demonstrate the competitiveness of HP's various products.
- Learned various industry "Best Practices" for writing code & doing IT in a large corporation.

High-Speed Internet Co-Op

Founder and Manager

1996-2008

- Offered high-speed Internet access to neighbors for just \$8/month.
- Achieved this by putting network cables on the fences of 9 neighbors, connected to a common router to share costs. This was extremely uncommon in 1996 and required specialized software.
- Managed customer relations, provided initial financing of equipment and provided technical support.

Metro Newspapers

Internet Content Intern

Summer 1995

- Created a program to automatically generate web pages.
- Organized other interns and implemented a process that allowed effective collaboration on a large project, which finished 3 times faster than expected.
- Manually created web pages & graphics (automated tools were rare in 1995).

CORE COMPETENCIES:

MANAGERIAL, ORGANIZATIONAL AND COMMUNICATION:

- Managed, trained and mentored 17 people, over 16 years (11 part time & 5 full time).
- Delivered multiple projects to several departments, each with varying needs, on-time or sooner.
- Consistently earned praise for my cheerful & professional demeanor while working with others.
- Directed other employees who did troubleshooting, repair and configuration of computer systems, with no problems “on my watch” (technical or managerial).
- Negotiated significantly lower costs (44% off) with vendors including AT&T, ISPs and VARs.
- Great time-management skills (forecasting with Gantt charts), detail-oriented and energetic.
- Able to prioritize in a multi-tasking environment & remain organized and on-schedule 91% of time.
- Verbally communicated technical concepts to technical and non-technical people alike.
- Requested by peers, to be Project Manager for more than 5 different groups at San Jose State University, including the 5-person Engineering Senior Design Project.

TECHNICAL:

- Programmed 15 databases with GUIs, that are used by 16 people, in 7 departments, everyday.
- Wrote over 50 well-structured programs in various languages (defined requirements, tested, etc).
- Wrote over 12 binders of clear system documentation for technical and non-technical audiences.
- Have performance-tuned over 20 systems, extremely familiar with TCP/IP and related protocols.
- 18 years of experience doing IT work for 25 organizations and individuals, under my own business.
- Installed or supervised the installation of hundreds of fiber & copper cables for various organizations.
- Setup 800+ professional-grade servers, clients and routers (including AC, raised-floors & racks).

TECHNOLOGY SKILLS:

1989-Present

- Software: Microsoft Word, Excel, PowerPoint, Project, PhotoShop, DreamWeaver, Illustrator, OO.org InDesign, Apache, Sendmail, Squid, PmWIKI, IIS, VMware, FileMaker Pro +IWP, OpenSource.
- OS: Win 2000/XP/2003, Mac OS X +Server, UNIX/Solaris, Linux (RedHat,Fedora,Ubuntu,SuSE)
- HW:PC, Mac, Cisco, FortiNet & SonicWALL Routers, Switches, Fiber Optics & Wireless 802.11b/g/n.
- Net/Misc: DNS, backup (Retrospect, scripted, FTP), TCP/IP, net tools (tcpdump, wireshark, iptraf, iptables, ebtables, monitoring & paging), 1394b, USB 2 & FibreChannel, RAID, AntiVirus, AntiSpam.
- Code: HTML, CSS, C/C++, PERL, PHP, JSP, XML, XSLT, command line, shell scripting, some Java, regular expressions, sockets programming, MySQL, some Oracle 9i.

VOLUNTEER WORK:

- Santa Cruz Animal Shelter (helping “sell” the general public on adopting a cat) for over a year.
- Helped the Bay Area chapter of Habitat for Humanity, build three houses.
- Fostered kittens for various bay area animal rescue organizations for over 5 years.
- Provided Ham Radio communications during 1989 Loma Prieta earthquake.
- Various diabetes bike-a-thons (providing Ham Radio communications).