

SUSAN L. GRIESBACH
CURRICULUM VITA

SUMMARY

- Information technology project leadership and management in large and small organizations
- Systems administration for a high-tech startup company
- Software development, customer support and training for the research and technical services divisions of a major oil company

EXPERIENCE

SR2020 Inc. Brea, CA

IT Manager / Systems Administrator 11/2004-4/2011

Responsible for all aspects of computers and physical infrastructure for a small high-tech startup. Computer room layout, power, cooling, and monitoring. Life cycle management of high-performance Linux cluster computers, servers, and workstations, desktops, laptops, and field equipment running Linux and Windows. Hands-on experience with hardware and software monitoring and maintenance. Ethernet and wireless network infrastructure, secure employee and customer remote access, website/email. Backup and disaster recovery policy and implementation. Extensive use of perl/bash scripting and open source software tools.

4th Wave Imaging Corp. Aliso Viejo, CA

Sr. Software Project Manager 09/2002-11/2004

Designed, wrote, and marketed software (Matlab) for the oil and gas industry. Principle Investigator of NSF research grant proposal to develop educational software for secondary education.

Chevron Petroleum Technology Company New Orleans, LA

Sr. Systems Analyst 08/1999-08/2002

Member of a 4-person co-located R&D team dedicated to assisting the technical staff explore for oil in the deepwater Gulf of Mexico. Developed specific enhancements (C++, Qt) to industry-standard earth modeling software (GoCAD) for this purpose. Provided technical training, consulting, and project support. Deepwater Team was responsible for discoveries exceeding 1 billion bbl of oil (WSJ, 9/2006). Project Leader of team that evaluated hardware, established specifications, and purchased Chevron's first Linux cluster for high performance computing. Received company Special Recognition Award for meeting difficult time & cost targets.

Chevron Exploration & Production Technology Company La Habra, CA

Lead Systems Analyst 07/1995-07/1999

Core member of a team designing, writing, marketing, and supporting GoCAD modeling software (C/C++/Qt). Package was used by 500 earth scientists and engineers world-wide for visualization, processing, and interpretation of very large geophysical, geological, and reservoir property data sets. Personally devised methods for allowing a variety of industry-standard and proprietary software to exchange data and models with GoCAD.

Stanford University Center for Reservoir Forecasting / Chevron Palo Alto, CA

Visiting Scholar 08/1993-06/1995

Collaborated with Stanford University researchers to develop new reservoir performance prediction methods and incorporated those technologies into Chevron software tools and work practices (C, Fortran, scripting).

Chevron Exploration & Production Technology Company La Habra, CA

Associate Programmer Analyst 1985-1993

Developed and maintained scientific and provided support and training for a suite of proprietary applications for a customer base of about 100 people world-wide. Received Special Recognition Award for the design and development of software for well log analysis and formation evaluation. Designed and wrote software for fast-access storage and retrieval of large geological data sets from mainframe Oracle databases.

Gulf Oil Research and Development Company Pittsburgh, PA**Geophysicist 1982-1985**

Developed software (Fortran) with a team that created the first interactive 2D and 3D visualization system in the oil industry capable of handling what were at that time extremely large data sets.

TECHNICAL SKILLS

Languages/Tools: C++, C, bash, perl, awk, sed, nfs, samba, Apache, Cisco IOS, HTML, Fortran

Software: Nagios, Mrtg, Matlab, Mediawiki, Ganglia, Torque, svn, Qt, Joomla, vpn, cvs, mySQL

Operating Systems: CentOS, Linux clusters, RedHat, Fedora, Ubuntu, SuSE, Windows Server 2003, Windows XP, Windows 7. Also DOS, Ultrix, IRIX, Solaris, AIX, HPUX

EDUCATION

2003 Certificate in Technical Project Management, California Institute of Technology, Industrial Relations Center, Pasadena, CA

1984 M.S. Transportation (Joint Program between Departments of Civil Engineering, Operations Research in the Kellogg School of Management, and Economics), Northwestern University, Evanston, IL. Thesis: "*A Statistical Estimation of Operating Costs for a Transportation Firm*"

1980 B.A. Geological Sciences, Northwestern University, Evanston, IL

REFERENCES

References are available upon request.

ADDITIONAL INFORMATION

Four time National Cycling Champion, Three American Cycling Records, All-American Pro Triathlete