

Professional Summary:

- Research scientist for social and scientific areas
- Supervisor of programming and systems administration staff
- Experienced facilitator of project and training sessions
- Systems analyst for Linux and Windows based systems

Work Experience:

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| Computer Scientist | Department of Justice | Oct. 2010 to Present |
| <ul style="list-style-type: none">• Managed 2 classroom, 40 seat computer training facility for week long classes• Managed supply depot with \$600,000 of spares• Managed Cyber Lync and Learn program with over 4000 person hours logged• Developed 3 air gapped laboratories for use in training and development• Supervised the work of 8 SAIC contractors developing new curriculum for 4 courses• Developed online Cyber Security courses using Camtasia and Sharepoint which were subsequently attended by over 300 students saving \$2500 per student• Managed Adobe Connect server used for 300 online students• Specified Knowledge Management System used by 20 users at 2 sites• Developed and tested security based technologies using SQL, Java, Linux, Windows for deployment to field offices | | |
| Lead Faculty, Area Chair IS/IT
Present | University of Phoenix | Dec. 2002 to Present |
| <ul style="list-style-type: none">• Facilitated 5 week long college courses in Operating Systems, Programming, Database, Security which were attended by over 2000 students• Developed new curriculum for dozens of courses based on requirements and recommendations• Met with senior management 4 times to provide local campus input• Reviewed and evaluated the work of 12 IS/IT faculty in Sacramento area | | |
| Supervising Programmer Analyst
2010 | Yolo County IT Department | Dec. 2006 to Sept. 2010 |
| <ul style="list-style-type: none">• Supervised 8 programmers, database engineers, and web masters• Led project to develop new Lawsuite case management system for DA and Sheriff for 200 users• Led project to develop new facility management system for Juvenile Hall for 30 users in a 24X7 environment• Led project to develop new road maintenance management system for Public Works for Yolo County, over 1000 square miles covered• Supported 20 existing ASP and .Net program in VMWare virtualized environment | | |
| Computer Science/I.S. Instructor | Umpqua Community College | Sept. 2004 to June 2006 |
| <ul style="list-style-type: none">• Developed new on ground curriculum based on requirements and recommendations for 7 courses• Developed and taught pilot online version of Introduction to Computers class using Angel to 30 students | | |

- Taught over 400 students in classes such as Java, Database, Linux, Windows
- Updated and managed dedicated operating systems lab used by 25 students per class

Senior Systems Analyst Direct Source Consulting Aug. 2001 to Aug. 2004

- Installed new DEC/VMS system for Sacramento County Assessor supporting 100 staff members
- Upgraded processor, memory, disk, and OS for 5 large DEC Alpha based servers

Systems Analyst/Engineer	California ISO	Dec. 1997 to Aug. 2001
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- Designed, procured, and supported 5 million dollars of Sun and DEC enterprise servers
- Managed software and hardware used to control western USA power grid 24X7 for over 20 million customers
- Server lead for computer room management of 2 computer sites
- Change management lead responsible for approving all server and OS updates and changes for over 50 servers
- Supervised work of 4 contract system administrators supporting 50 servers
- Developed and supported robotic tape backup systems at 2 sites

Computer Software Specialist II Sacramento County IT Dept. Jan. 1991 to Dec. 1997

- Designed, procured, and supported 12 IBM RS6000/AIX servers and clients
- Supported over 10000 desktop computers running DOS and Windows
- Co-wrote multiple bids for over \$3 million in computer hardware, software, and services
- Implemented and supported local area network lab for application testing
- Managed projects for County Standard LAN OS for 500 nodes, and consolidated database server contract worth \$400,000
- Technical lead on electronic mugshot and electronic fingerprint systems for Sheriff, systems implemented at 5 sites and used by 75 deputies

Education:

- Walden University Ph.D. Applied Management 2014
- CSU Chico M.S. Artificial Intelligence 1990
- CSU Chico B.S. Computer Science 1983
- Yuba College A.S. Science 1981

Ph.D. Dissertation Topic: Using Geothermal Electric Power to Reduce Carbon Footprint

M.S. Thesis Topic: The Neuralog: Computer Simulation of Neuron Behavior

Technical Expertise:

Linux, Windows 7/8/10, Windows Server 2008/2012

java, C++, C#, SQL, javaScript, HTML, bash

SQLite, MS SQL Server, MS Access

Network Security, Wireless, Network Installation, Firewall Configuration

MS Office, MS Project, MS Visio, Camtasia, Captivate, Audacity

Awards:

Director's Award for Excellence in Training and Development Yolo County SPIRIT Award

California ISO Bronze and Silver Trendy Awards Sacramento County Quality Award

Hobbies:

Photography Gardening Astronomy