

OBJECTIVE

Systems Analyst or related position involving applications software and database development, with web management and client support.

SUMMARY OF QUALIFICATIONS

- Over 15 years experience in systems support, programming and administration.
- Strong coding skills and scripting skills in PHP, C, Fortran, Unix, Linux and Alpha OpenVMS, Solaris, SunOS
- Strong interpersonal, analytical and problem solving skills
- Skilled in Web publishing using SharePoint or MOSS, Microsoft FrontPage, Contribute and Wiki

ACHIEVEMENTS

Provided database support for Controls Software Engineering group at a high-energy physics laboratory. Maintained, updated the data files, displays, user interface panels; performed database generation checkouts, diagnostics, compilation and releases. **Result:** The updated and current data showed well on the control system monitors which were further analyzed by the physicists for their research experiments.

Managed the website for the Controls Software Engineering group. Created main hyperlinks which pointed to the technical documentation, procedures, drawings, manuals, events, schedules and a collection of important documents. **Result:** The website's content has continually been viewed and readily accessible by the group, the collaborators of the laboratory, and visiting scientists.

Developed software for the Controls Software Engineering group. Designed, coded, tested and released scripts for automated processes; also ran software periodically to release software for the group. **Result:** The periodic releases delivered the software products that fine tuned and upgraded the control system.

Led technical support and computational services for scientific users at the NASA/Ames Numerical Aerodynamics Simulation facility on state-of-the-art super-computer systems and distributed workstation networks. Implemented daily operations policies, system administration and user services, and worked with other members at a control room work environment. **Result:** The support effort was delivered successfully throughout the contract term.

WORK HISTORY

Four Points Technology/ USGS	Software Developer	Oct 2008 to Present
Half Robert Technology/ iPass Inc	Account Administrator	3 months
Stanford Linear Accelerator Center	Computing Information Systems Analyst	15 1/2 years
Computer Sciences Corporation/NASA Ames	Member of Technical Staff	4 years
FaxPlus Corporation	Software Engineer	1 year
Sterling Federal Systems, Inc./ NASA Ames	Member of the Professional Staff	4 years

EDUCATION

B.S., Mathematics with emphasis in Computer Science, Minor: Management, Sonoma State University
 General education courses, Merritt College, UC Berkeley, City College of San Francisco
 Online courses: Skillport or Techport, Stanford University

TECHNICAL SKILLS

Languages and scripting: PHP, C, Fortran, shell, OpenVMS DCL, Java, Javascript;
 Database: Oracle, EPICS, Access, RDB, MySQL
 Operating systems: Unix, Linux, MacOS, Windows XP, SunOS, Solaris, HP Alpha OpenVMS, VMware virtual server
 Web Publishing: Front Page, MOSS or Sharepoint; Dreamweaver, Contribute, Wiki, Adobe Illustrator, Photoshop

ADDENDUM: DETAILED PROFESSIONAL EXPERIENCE

- Four Points Technology/ USGS **Software Developer** Menlo Park, CA Oct 2008 – April 2009
- Programmer under the GIO office, in support of the Science Center in Alaska: PHP/MySQL, JpGraph web applications with Google Earth/Google Maps API to view scour data from bridge locations in Alaska
 - Support the Coastal and Marine Geology group; update data and geological information on the existing Infobank on the web; develop and enhance existing programs on Unix and MacOS systems, with Fortran and C shell programming and write KML code for Google Earth web applications.
- Robert Half Technology/ iPass, Inc **Account Administrator** Redwood Shores, CA Jul – Sep 2008
- Articulate to customers the schedule of old and current versions of the iPassConnect software for broadband, wireless and other remote communications connections and recommend the upgraded versions. Track and manage customer relations processes through Salesforce and Contactual.
- Stanford Linear Accelerator Center **Computing Info. Systems Analyst** Menlo Park, CA 1993 –
(SLAC) **Programmer Analyst** 2008
- Database programming at the Controls Software Engineering group.
 - Developed and maintained the database, following defined structures of the controls system.
 - Updated panels and data-file driven displays, updated logic according to changes, modify device parameters.
 - Database generation checkouts, for exercising updated software on several micros.
 - Helped customize devices, added component labeling and logical information or physical bit definitions to device components.
 - Wrote C software for calculating multiple measurement changes, tested and compiled code.
 - Distributed to production, tested and developed software updates or releases.
 - Network support allocating IP addresses for commissioning devices, maintain database under Oracle
 - System accounts administration and backup/restore procedures
 - Web master or point of contact for Controls Software Group in the Microsoft IIS, and Sharepoint environment.
- Computer Sciences Corporation / **Member of Technical Staff** Moffett Field, CA 1989 - 1993
NASA Ames Research Center
- Technical support and computational services to scientific users at the NASA/Ames Numerical Aerodynamics Simulation Facility, in a wide range of computer operations support on state-of-the-art super-computer systems (2 Crays), and distributed networks of Sun and Iris workstations.
 - Implemented policies to carry out daily operations, system administration and user services, worked with other members at a control room work environment.
 - Completed project that translated binary files to ASCII format, to monitor user and super-user logins, written in C.
- FAXplus Corporation **Software Engineer** Sunnyvale, CA 1988 - 1989
- Software configuration control and management on IBM PC/AT compatibles and diagnostics testing for the manufacture of assembled facsimile ("PayFAX") product units.
 - Developed C programs for the accounting systems of PayFAX credit cards processing.
- Sterling Federal Systems, Inc / **Member of the Professional Staff** Moffett Field, CA 1984 - 1988
NASA Ames Research Center
- Developed graphics software which displayed traffic and statistics on data packets passing through the Ethernet network in C and Fortran.
 - Provided scientific user support on the VAX/VMS user environment, graphics applications support: Installed, updated and maintained of graphics product sets, such as DISSPLA. Coded, designed and debugged programs for post-processing plot files, such as, translate device independent plot files to another plot file format.
 - Designed and coded log processing of user service requests and problem resolution report tracking using Datatrieve relational database utility and the full screen editor.