TOM LEAR

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SUMMARY

Self motivated, inventive, and reliable worker. Interested in many aspects of the software development process. Experienced in design and implementation of computer systems with an eye for customer needs. Ability to find and remove system bottlenecks. A quick, analytical and resourceful researcher, able to assimilate new information with a proven track record of increasing client revenue.

SKILLS

PHP, Perl, Python, Java, JavaScript, Assembly, C, C++, Lisp, Multiple Unix and Windows Platforms, PostgreSQL, MySQL

EMPLOYMENT HISTORY

Proprietor - **Tom Lear Consulting** 1998 - Present

Consistently completed projects on time. Established a record of increasing client profits by flushing out critical performance issues and correcting revenue losing bugs. Brought innovative ideas and introduced cost effective measures to clients ensuring customer satisfaction with performance and delivery. Completed reimplementation of obsolete legacy dbase IV system in Perl backed by PostgreSQL supporting a dozen employees. Responsible for entire office network, using Debian based Linux workstations. (Bay Rentals, Inc.) Automated synchronization with multiple websites and faxing/emailing of pertinent data to various parties at specified intervals. Implementation of real time notification via cell phone of relevant changes to database, and auto-dial interface to Axcel communications proprietary digital phone system. Optimization of ad server used by many busy sites including search engine which has maintained top 1000 ranking (by traffic). (Perl, JavaScript, PHP, MySql).

Senior Software Engineer – **Yahoo, Inc.** 2010 – 2013

Infrastructure operations team, primarily responsible for the package distribution service. Lead project which brought its installation up to par with company standards, in addition to day to day duties of Tier 2 Support and Release Management.

Systems/Network Administrator - **Access Internet Communications** 1997 - 2001

Administration of Linux based ISP, customer and corporate support services, network analysis, development of radius authentication module for Apache, and kernel module to provide access control lists around network calls. Wiring of telephone and network systems.

Senior Software Engineer, **Dharma Photo Inc.** 1992 - 1993

Development and improvement of photographic editing software, implementation and maintenance of twisted pair Ethernet (running Novell Netware), and hardware maintenance. In addition, consulting on miscellaneous software projects.

Test Engineer, **Westinghouse Security Electronics** 1990 – 1991

Software design for automated test fixture (capable of reducing test time, locating of manufacturing errors, and feed back of

necessary information to increase manufacturing efficiency), design of script language (capable of adding new products to the test fixture), design and implementation of automated network backup fixture for all test engineering stations. Particular attention was paid to the client's need for quick and easy to use equipment.

ACHIEVEMENTS

- Debian GNU/Linux developer (www.debian.org)
- Sair Linux/GNU Certified Administrator (#44766C)
- Former Mensa Member
- California State Award of Distinction -Johns Hopkins University Search for Academically Talented Youth
- Regional Award of Distinction-Johns Hopkins University Search for Academically Talented Youth
- Academic Excellence Award in Algebra with High Honors
- Academic Excellent Award in Geometry
- National Science Olympiad Award

EDUCATION

- University of California at Berkeley
- Connecticut State University
- De Anza College
- Foothill College