

Jason Loefer

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Summary

Eighteen years solid software engineering experience and five years in electronics.

Special depth in:

- ◆ Windows application development
- ◆ Systems programming
- ◆ Wireless data communications
- ◆ Configuration management
- ◆ MS Office development
- ◆ Embedded applications

Keywords

C, C++ C++Builder MS Office VB UNIX Windows

Experience

TGA Technologies, Inc., Norcross, Ga. **1998 to 2003**

Senior Software Engineer 1998 to 2003

Develop radio common carrier and government telecommunications applications.
Configuration manager.

- ◆ Customer sites range from sole proprietorships and small carriers to nuclear power plants and the White House.
- ◆ Sole developer of Internet protocol gateway to paging system. Twelve units sold in first quarter of release alone. No failures.

MSW Engineering Services, Lawrenceville, Ga. **1995 to 1998**

Senior Software Engineer 1995 to 1998

Develop client / server data communications and telecommunications applications for paging manufacturers, radio common carriers and local exchange carriers.

- ◆ One application is installed in most PageNet sites.
- ◆ Another feeds CNN Headline News to all nationwide PageNet subscribers.
- ◆ Active in paging industry standards organization.

Motorola, Inc., Advanced Messaging Systems Division, Ft. Worth, Tx. **1992 to 1995**

Senior Software Engineer 1992 to 1995

Maintained and helped develop several major and most minor subsystems of a paging terminal. Division representative to industry standards organization.

- ◆ Chairman of several radio paging industry standards body Personal Communications Industry Association (PCIA) committees, instrumental in developing five data communications protocols.
- ◆ Increased network throughput of paging terminal by over 420%.

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- ◆ Specified and led technical negotiations with a sister division (Codex) for an X.25 PAD protocol, saving the division over \$50,000.
- ◆ Designed and built an alphanumeric page entry device (brain child of the company president) for telephone use. Prototype shown at several trade shows.
- ◆ Independently specified, developed and supported a Windows-based alphanumeric page entry device database transfer and conversion utility to facilitate simple upgrades.

Harris Corporation, Digital Telephone Systems Division, Atlanta, Ga. **1991 to 1992**

Senior Software Engineer 1991 to 1992

Developed T1 telephone switch database interface for zero-plus and one-plus pay and debit, travel and prison inmate telephone management system.

- ◆ Provided features that upon the first month of system service alone resulted in the capture of three escaped felons within hours of escape.

BBL Industries, Inc., Atlanta, Ga. **1983 to 1989**

Software Engineer and Systems Administrator 1985 to 1989

Developed and maintained high-speed serial networking, data acquisition and processing applications, and solid-state voice recording applications. Concurrently maintained and administered UNIX engineering development minicomputers and terminal servers.

- ◆ Reduced system down time from 8.9% to 0.7% in less than two months.
- ◆ Eliminated service contracts for UNIX systems, saving \$12,000 annually.

Field Service Engineer 1983 to 1984

Field serviced radio paging and voice mail mainframes worldwide.

Education

University of Texas at Arlington 1994

- ◆ TCP/IP

Motorola University 1994 to 1995

- ◆ C++ Programming
- ◆ Intellectual Property Rights
- ◆ Six Sigma Quality Control
- ◆ Software Engineering Institute (SEI) training
- ◆ Developing Quality Software
- ◆ Software Design for Manufacturability
- ◆ Effective Presentations
- ◆ Listening Skills

Dekalb Community College 1986 to 1987

- ◆ Computer Science

Atlanta Area Technical School 1981 to 1982

- ◆ Electronics, Physics - **4.0 gpa**, FCC General Radiotelephone License #PG-4064