

Terry J. Gardner

Marietta, GA
mobile: 404 925 6385
terrygardner@mac.com

Qualifications

Expert in Sun Directory Server, Sun Messaging Server, and OpenSSO. Noted expert in Solaris Operating System and TCP/IP. Highly skilled in use of the Java, C and C++ programming languages.

Professional Experience

Technical Specialist

Sun Microsystems

Santa Clara, CA

August 1998 – February 2010

One of Sun's leading experts in LDAP: design, architecture, deployment, benchmarking and investigating troublesome systems. Participated in most of Sun's largest Directory Services (LDAP) deployments and had a leading design and benchmarking role for 10 years. Designed, deployed and implemented large-scale (25 millions of users and more) Directory Services solutions and is an expert in architecture of these large-scale systems.

Early advocate and contributor to Sun's many social engineering objectives, including [twitter](#) and [wikis](#).

Java Programmer (contract)

Hewlett-Packard

Atlanta, GA

January 1998 – August 1998

Developed Java applications for HP's Federal Systems Group and introduced Java coding best practices to the Federal Systems Group. Solved program design issues with very early version of Java, complete assignment on time and under budget.

C++ Programmer (contract)

Scientific-Atlanta

Atlanta, GA

May 1997 – January 1998

Worked on team developing software in C and C++ for use in real-time data acquisition from non-geosynchronous satellites.

C++ and SQL Programmer (contract)

Scientific-Atlanta, Satellite Television Network Division

Atlanta, GA

December 1996 – May 1997

Developed software in C++ and SQL to interface with Conditional Access card, a card used to uplink and downlink DSS data. Developed software to extend SNMP chassis management capabilities.

Systems Administrator

NationsBank Global Networks

Atlanta, GA

September 1996 – December 1996

Worked on team developing campus intranet, web and FTP servers. Worked on team migrating cc:Mail users to HP Open Mail.

C Programmer

Turner Broadcasting System

Atlanta, GA

July 1996 – September 1996

Developed software using C language on Solaris using ESQL and Oracle to interface with customer billing system. Standardized and implemented standards for enterprise makefiles. Converted K&R code to ANSI C. Performed all unit and system testing for billing system interface.

Systems Administrator

BellSouth.net

Atlanta, GA

December 1995 – July 1996

System administration (Solaris), DNS design and implementation, network design, NNTP architecture and implementation, corporate firewall architecture, implementation, and maintenance, FTP server maintenance, WWW server maintenance. Architected and designed solutions for messaging servers. Evaluated network management software, web server software. Architected, designed and deployed SecureID SSO servers.

C++ Programmer

Bellsouth

Atlanta, GA

August 1995 – December 1995

Worked on team to re-engineer legacy mainframe provisioning systems using C++, Paradigm+ on HP/UX 9.x platform. Modified GNU C++ compiler to produce IDL for CORBA.

C Programmer

Hewlett-Packard

Atlanta, GA

March 1995 – August 1995

Architected, designed, and implemented GUI OMS (order management system) for HP's Technology Solutions Integration Department using C, SQL, and AllBase.

C++ Programmer

Bellsouth Mobility

Atlanta, GA

August 1994 – March 1995

Maintained software in C++ used to collect and interpret cellular switch billing data. Interpret, categorize and transform real-time cellular switch data.

Project Engineer

Technologic

Atlanta, GA

April 1994 – August 1994

Implemented Internet connection for Scientific-Atlanta. Implemented FWTK, FTP, and WWW servers. Worked on team modifying Linux kernel for higher security.

Systems Administrator

SITA

Atlanta, GA

January 1994, April 1994

Systems administration on SunOS platform. Scripts, networking administration, and testing.

Director of Information Systems

International Telemedia Associates, Inc.

Atlanta, GA

January 1993 – November 1993

Co-ordinated development efforts (telephone billing). Integrate technical solutions from Regional Bell Operating Companies and Inter-Exchange Carriers for billing. Interfaced with client companies on billing solutions. Used C on Interactive UNIX, and Linux operating systems.

Software Engineer

The Home Depot, Inc.

Atlanta, GA

August 1991 – January 1993

Messaging software (C on HP/UX), Worked on team to implement TCP/IP company wide. Worked on team to migrate from AOS/VS to HP/UX. Ported AOS/VS C applications to HP/UX.

Consulting Engineer

GE Consulting Services

Atlanta, GA

January 1989 – August 1991

Designed and implemented code used to interface and re-program DACS long haul switches for AT&T, Used X.25 CCITT HP/UX interface, C on HP/UX. Worked on team to port 1 million plus lines of FORTRAN to HP/UX for radar cross section analysis.

FORTRAN Programmer

Bradley Ward, Inc.

Atlanta, GA

June 1988 – January 1989

Participated in design, development and implementation of software used in manufacturing control systems.

C Programmer

Frontier Electronics

Greenville, SC

October 1984 – Jun 1988

Participated in design, development, and integration of software used in textile plant manufacturing, process control and production monitoring. This software was written in "C".