

DANIEL MOORE, Ph.D.

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Objective

To obtain a contract or permanent position in software development field.

Experience Summary

Over 10 years of software engineering experience including development of object-oriented client- and server-side applications using C/C++, C#/NET, XML, Visual Basic, Java, MFC. Have strong relational database experience (MS SQL Server, ORACLE, DB2/2, Sqlite, Linter, MS Access).

Experience Chronology

From: February 2006 **ABC Inc., Any Town, NY**
Senior Software Engineer

- Evaluated gap analysis for the modem interface and implemented the same (SMS NAK, SIM lock, No Service, Airplane mode and other circuit switched telephony features).
- Implemented radio logging for CDMA KIN devices.
- Worked with various teams, radio dev, test and PM, to identify and fix issues.
- Identified modem issues and worked with external vendors to get a resolution.
- Developed and integrated radio adaption layer software UMTS Sidekick device with NetBSD as its operating system.
- Identified and fixed various radio related bugs and issues.
- Integrated GSM/UMTS.
- Worked with external vendors and product management team for the product approval.

From: August 2005 To February 2006 **XYZ Corp., Any Town, NY**
Senior Software Engineer

- Developed Hammer Visual Basic scripts that generated SIP, H.323 NCS, NCS loopback, SIP loopback and TDM calls and then calculated various call metrics.
- Utilized the FXIP Signaling Editor to develop a state-machine that generates and processes traffic.
- Developed software in C++ that measures the "one-way-delay" of RTP packets in a network.
- Developed software that upgrades software in a distributed environment.
- Deployed and integrated products into customer networks.
- Developed procedures and utilities used by Support Engineers and Manufacturing Technicians to install and configure products.
- Provided Engineering support in order to duplicate and debug customer issues.

From: August 2004 To August 2005 **BCD Inc., Any Town, NY**
Senior Software Engineer

- Developed customized user interface software per customer's requirements using QT on the Solaris operation system.
- Developed Perl scripts to automatic software build to customers.
- Provided technical support for software. Supported and resolved customer's issues during integration and test efforts. Received customer accolades for efforts to debug software bugs in timely and professional manner.

Skill Summary

Hardware:	IBM PCs and compatibles, IBM Mainframes, DEC VAX
Operating Systems:	Windows 95/XP/2000/NT/Vista, Linux, UNIX, AIX, X Windows, APOLLO, MS DOS, VM/SP, OS/MVS/XA
Software:	MS Visual Studio 6.0/.NET 2005/2008, IBM C++, Sun C++, gcc, gdb, g++, Borland C++, Jbuilder 6.0, IBM Visual Age Smalltalk, MS SourceSafe (VSS), Perforce, ClearCase, Rational Rose suit, Purify, DTS, MDX, OLAP, VisualBuild, dbx, dde, Emacs, Kdevelop, Matlab, MATHEMATICA, MS Access, ComponentOne, GigaSoft, MSMQ, ISAPI, Prism, Powerbuilder, FoxPro, sockets, Labview
Languages/Libraries:	C/C++, C#, Visual C++, ASP.NET, MFC, Java, VB, JavaScript, VB Script, STL, Win32 API, SQL, ODBC, ADO, UML, ObjectSpace, OWL, HTML, XML, SQLXML, DOM, SAX, WBXML, SyncML, Smalltalk, C shell, Korn shell, FORTRAN, Pascal, Lisp, TCP/IP, SMTP, RS3, LAPACK, IMSL, NAG, MKL, multithreading, numerical methods, algorithms, OOP
DBMS:	MS SQL Server 2000, ORACLE 8, Sqlite, DB2/2, Linter, MS Access, Informix 7.2/9.20

Education Summary

University/College	Date	Degree	Type
New York University	1999	Ph.D.	Physics and Mathematics
New York University	1994	M.S.	Physics and Mathematics
New York University	1990	B.S.	Physics and Mathematics