Jim A. Mumford

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Objective - To obtain a programming position in networking and software development for a private sector IT department.

Computer Skills
Programming - C/C++, Visual Basic, J2SE, 8088/8086 AL, Astarte, Scheme, Pascal, C#.Net, ADO, SQL

Web Development – ASP(classic), ASP.NET, HTML/DHTML, XML, JavaScript, JSP, VB Script, PHP

Operating Systems and Networking - Windows 98, 2000, XP, Windows 2000 Server, IIS, MS SQL Server, Cisco IOS, Apache, Unix, Linux

Software - VisualStudio.NET, Rational Rose, CVS, Bugzilla, MS Office (All), Adobe Photoshop, Dreamweaver MX, Flash MX

Functional Skills - Software Architecture, Object Orientation Programming, Distributed Business Applications, E-Commerce, Systems Integration, Software Documentation, Technical Writing, Integrated Circuit Design, Computer Architect, Network Architect

Education

East Carolina University   *Greenville, NC*   *May, 2004*
- Major: BS Computer Science
- Areas of Concentration: Systems Development and Electronics/Networking

Experience

Cybershark.net   *Greenville, NC*   *May-Sept, 2004*
Intern
- Support the development of data-driven web applications using ASP and PHP
- Aid the design of relational databases using SQL server and MS Access

IT Accomplishments
-Hand built completely functional compiler (scanner, lexer, parser, Assembler) written using object oriented C++ solutions
-Record keeping data base with Web based GUI written in VBscript with ADO/ACCESS
-Wrote directory and i-node finder with use of UNIX systems calls and philosophies written in C, similar to a cross between find and ls UNIX commands
-Developed and Implemented a Web based student schedule generator with DHTML, PHP, and SQLServer incorporating the philosophies of Software Engineering and Use case diagrams with Rational Rose
-Developed RSA key generator, encipher and decipher file encryption programs written in ASTARTE and C++
-Developed Chat client and server programs written in C and also in Java
-Developed an Interactive video game written in Java
-Wrote detailed advanced statistical analyses papers explaining Minitab results
-Designed and built functioning ALU with only NAND gates
-Have built, installed and repaired computer systems and networks for over 10 years