Dale Neumann
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Dear Staff Member:

I am a Senior Software/Hardware/Web/Build/Release Engineer seeking employment with your establishment. I have over twenty years experience in full-lifecycle software development, diagnosis, and test. My strengths are programming in Visual C#, C++, C, InstallShield Professional, Wise for Windows Installer, Assembly, Windows, and OS/2 languages and managing projects in the software arena. I have multi-threading, security, embedded, and enterprise software experience. I also have excellent experience in software testing, debugging, database, voice recognition, network, and device driver environments. I have applied knowledge of SQL (Oracle, etc.), .NET, Java, VB, COM, and Perl. In addition, I have hands-on web-site development experience using HTML, JavaScript, PHP, MySQL, and ASP.NET. I always program using object-oriented techniques. I am very familiar with the software development life cycle and internationalized software. From recent experience working in the medical industry, I have also obtained familiarity with FDA regulations and safety procedures. My communication skills are very good, and I work well on my own or within a team with little or no supervision. I adapt well and learn quickly to apply complex problem solving, mentoring, and economist skills. My education includes a Bachelor's of Science in Electrical Engineering from Florida Atlantic University. I am married and have been living in Boca Raton for over forty years. (I am a native.) Recently returned after five years in Ohio, I have been building my own business called PureDel.com officially since December of 2008. This endeavor includes refurbishing popular music, a true story about World War II from a living veteran, and promoting my own brand of music via website design and deployment on the World Wide Web using self funded commercial server hosting with platforms in both Linux and Windows.

Please download my current resume directly from the internet at:
http://208.109.53.1/~kissdel/PureDel/Resume/DaleNeumannResume.pdf
Above address is case-sensitive
If the above address does not start a download,
Please contact me to have the current file sent directly by email.
References and In-Depth Job History are also available upon request.

Enclosed is my complete resume.

Please feel free to skim for keywords found in bold and italics. I would appreciate any information that you can send me about your company, and I look forward to the possibility of meeting with your administrative and technical people in an interview.

Sincerely,

Dale Neumann

Summary

Creative trilingual (English, Spanish and Portuguese) Senior Software Engineer with over 20 years experience in *Software/Firmware Design, Project Management, Release Management, Programming, Debugging, and Testing.* Demonstrated proficiencies in *Visual C++, C, Wise for Windows Installer (WfWI by Altiris), InstallShield Professional, Assembly, OS/2, and Presentation Manager Programming.* Experience with *Multi-threading.* Knowledge of *SQL (Oracle, etc.), Java, C# (.NET), VB, MFC. and COM.* Web skills in HTML, JavaScript, PHP, MySQL, and ASP.NET. Heavy *software testing* background includes OS/2 *kernel debugging and voice recognition* software. Excellent experience designing and developing *database software*. Experience in *Device Driver* development. Utilizes programs which enable computers to interface to each other. Develops methods for improving project productivity. Logical, patient, systematic worker who uses *creativity* to produce effective and efficient solutions.

Experience

COMPUSITIONSDEL, INC. (PureDel.com .) Boca Raton, FL   12/2008-Present
Owner

Entrepreneurial efforts in the direction of Life Solutions including **WebSite** Creation, Specialized Software, Original Music Compositions, Pedagogy, Wellness, Home Acoustics and Cybertuning etc. Developed *company website and sites for other clients single-handedly* with unique security features. Offering Products on online Store links and Administrative Database support. Utilizing self-taught skills in **HTML, JavaScript, PHP, MySQL, C#, ASP, ASP.NET, Visual Studio.Net,** etc. Offering *Business Web pages* to clients as well as other computer services such *as speeding up computer processing/efficiency*, etc. As part of the web enhancements, repetitive HTML code is converted to efficient PHP with "for" and "while" loops. Also, encapsulation of common PHP code is placed in "include" files. A company proprietary MySQL back-end database system is provided for the web site and accessed through flexible original SQL calls written in PHP. Web controls (written in HTML and/or JavaScript) are also converted from HTML to PHP for encapsulation and easy deployment. Web page header and trailer information is also encapsulated in "include" files. Adding Features and general improvements to VirtualJudge® *Backup/Verification/Conversion* Software written in **Visual C++** in Visual Studio. This program also *extracts Email Addresses* and *Phone Numbers* from Email i.e. **Microsoft Outlook** and Cell Phone files i.e. **Blackberry**. Other products include VirusFreeze® and Diskgo® written in DOS Batch language and Florida Lottery programs written in GWBasic called LotCombo® and Chance®.

THE PAYROLL PROFESSIONALS through BOCAKEYS, INC. Boca Raton, FL   1/2011-3/2012
Senior Web Developer

Web Site development for **C#** Front End Payroll Processing site running on a **Windows Server 2003** platform of which located underneath is an **IBM AS400** Backend. Solely responsible for all C# code modifications. Touched on every module to improve calculations of payrolls, ease of use, logical code handling, code efficiency, exception handling, and cosmetics. Used *Bocakeys* company created VirtualJudge® program as a *Version Control* system as well as for Rollout of Web Site Software from Test Staging to actual *Live Production* environment. Organized internal software installation packages and licensing for company which was in disarray when arrived. Upgraded Servers with current Microsoft patches as well as upgraded Web Site project to **Visual Studio 2010** format. The improved web site is currently running seemingly flawlessly at www.thepayrollpros.com. Created PDFMaker® for use as an economic Adobe PDF form field tag reader and field generator for use with field auto-population of W-4 Form and I-9 Form with client info for the web site project. Created NeuViewer® for use as a simplistic Internet Browser with Managerial Control options for limiting employee browsing abilities with unique streamlined clear-window display devoid of normal Browser menus, buttons, toolbars. etc.

BECKMAN COULTER through ADECCO, Miami, FL   3/2005-10/2008
Senior Software Developer

Build/Release Engineer responsible for **Wise for Windows Installer** programming and deployment for a blood-analysis instrument software installation package. With **Wise**, use of complex file wildcarding feature in File deployment of hundreds of files including executables, dynamic link libraries **(DLLs)**, services, batch files, and registry modifications. Employed the use of efficient execution of **MSI Scripts**, Dialog Creation with conditional branching logic, and encapsulated spawning of sub-Windows Installer **(.MSI)** packages as well as **third-party packages**. Reverse-engineered install specifications to create initial Wise package design, then grew package into its present form. Added features and maintained installation package to keep up with needs of product. Provided a separate Developer source file package for debugging convenience. Converted complex install script calls and registry settings to simple command-lined custom action routines to improve maintenance of the installation project. Added several dialogs to make hardware selections for the instrument and to add option to drop or retain **SQL Server 2005** database.   Experience creating/maintaining Wise **merge modules** used in the project to encapsulate source code based on debug and release versions of **DLLs** as well as other common sub-systems**.** Designed a Software Repository sub-package as a feature to deploy different software embedded configuration files to allow instruments of different version of hardware to function with the same installation package including detection of current level to determine if new software is still supported on the current hardware. Created a **Manifest** Verification program in Visual C++ to prove (for **FDA** requirements) that the installation package is deploying all files with correct date/time/size stamps. Maintained and organized all builds and provide **emergency backup** on **DVD** media and on Hard Disk media stored on Servers, dividing build types based on test builds and real releases. Source control maintained with **Clearcase**. **C++** development used for a front-end **GUI** to facilitate steps to start instrument manually.   Enhanced **C#** -based utilities that are used in actual instrument operation. Frequent exposure to **UML** design (for product), **XML** (for database)**,** and **Perl** scripts (for builds). Created and maintained operating system **(OS) images** as the base for the *blood-analysis* software, configuring **IIS** based internal **FTP** site, **.NET Framework,** and other services needed to drive instrument. Office communication and Software **Hotline** accomplished with **Lotus Notes**. Responsible for timely network-automated installations on laboratory robots and simulators.   Provided **VNC** support for **Beta sites** *internationally.*

TAG (*T*HE *A*NSWER *G*ROUP), Ft. Lauderdale, FL   3/2004-2/2005
Bellsouth Senior Technical Support Engineer - and - Best Buy Online Sales and Support.

Solve help desk calls for Digital Subscriber Lines **(DSL)**. **TCP/IP** and Network skills enhanced. Troubleshooting of synchronization and surfing issues. Perform circuit testing of the line. Use of testing software and manipulation of databases and web-based programs. Also worked with Best Buy sales.

GE-INTERLOGIX (CASI-RUSCO), Boca Raton, FL   12/2000-7/2003
Senior Staff Engineer

Programming in **Visual C++** (for *Windows '98, NT, 2000 GUI application*) for "Access Vision*" Access Control* software for Picture Perfect. **Windows**-based / **UNIX**-based **Client** / **Server** coding. Handling the design, coding, code tracking (version control) in **Clearcase**, defect fixing, and defect tracking in **ClearQuest**. Applying knowledge of **SQL** and **COM** for access to **Access 2000** database on Windows and **Informix** database on **AIX**/**Linux** server. Creating **Offline** capability of Access Control Software which became a key selling point in the new version's marketing strategy. Product could now be used even when the server side should not be available. Developing **Caching** option for the client software which cached all Informix tables to **Microsoft Access 2000 database** for Offline capability and use. **Release Manager** responsible for: Access Vision installation package modifications, builds of product code (incorporating hundreds of modules), distribution of product CDs, and emergency backup of both source and product. Coding in **InstallShield** software for build of this product - writing **InstallScript**, setting up file copies, features, components, and registry entries. Included third-party Imaging tool in the installation package. Produced special **Auto-Complete** pull-down controls that access the database for entries and facilitated ability for rapid user input to product.   Applying skills in

GE-INTERLOGIX (CASI-RUSCO) continued

encryption/**decryption** software - *Two-fish* encryption. Responsible for National Language Support **(NLS)** issues with Access Vision and the Imaging product (for creating badges) associated with the client software - sending resource files for translation and re-compilation in **DLL**s. Writing *efficiency tools/procedures* for department. Experienced with *XP methodology* and the **Peer Review** process. Provided significant contributions to a *Multi-control* feature that allowed for the Custom Forms feature of the product. Used **XML** in Custom Forms feature. Traveling on-site for *Beta installations* of product and for training purposes - installing site and **troubleshooting** site problems.

CHOICEPOINT (DBT ONLINE), Boca Raton, FL   5/1998-12/2000
Senior Software Engineer

Programming in **Visual C++** (for Windows NT **GUI** and **Console** applications) and **WATCOM C** (for Novell applications) converting various **database** formats/layouts to standard company layouts. Creating and maintaining C++ based programs that generically manipulate *records and files* improving *efficiency* of the dataset department. Working on datasets sizing up to *100+ GB*. *Remote debugging* done through **LapLink** connections. Creating small *test sets for testing* all programs being created or upgraded. Using code tracking with **Visual Source Safe**. Creating **batch jobs** (utilizing **TCP/IP API** calls) for clients requesting specific information from the **public records database**. Creating **multi-processor** programs for building keys (indexes) on large data sets. The resulting program could now be run on an eight-processor computer cutting the key-build time from one month to less than a week. Creating **multi-threaded** utilities i.e. allowing GUI input while worker thread was running. These programs utilized messaging and thread abort methods to insure the interface would never be in a "lock-up" situation. Applying expertise to programs requiring **64-bit** *integers*. Programming in **Oracle SQL** and **Java**. Completing close to *200 individual projects* in less than two years enabling more datasets to go live more efficiently and quickly, keeping the system updated for customers.

ACU-RITE (ANILAM Electronics), Miramar, FL   5/1996-5/1998
Software Engineer

Programming in **C** to convert Computer Numeric Controls **(CNC)** software to a 32-bit protect-mode **DOS-Extender** platform (*Pharlap*) to support an embedded **DOS** Protect-Mode Interface **(DPMI)** for use with *Windows 3.x, '95, and NT*. Adding a leadscrew compensation feature with Graphical User Interface (**GUI**) menus to the software. *Cosmetically* refurbishing the GUI menus and restructuring the configuration from the existing products to create a new product line - instrumental in the new look and feel of the new products. Managing the source code for the installation software and for the software that controls the three new products that were developed. Interfacing with *Radisys, Datalight, Software Security, and Watcom* to resolve **compatibility** issues for *EPC-34 Single Board Computer* **(SBC), ROM-DOS**, *Parallel-Port* **Security Keys**, *and WC3 compiler*, respectively. Reconstructing and rebuilding incomplete **installation** and **security** software sources for proper maintenance and then assuming *responsibility* for these areas. Accessing, with created software, the flash memory of the new Digital Signal Processor **(DSP)** chip for programming during the installation process. Constructing a working system using the Radisys Single Board Computer **(SBC)** and confirming current product software and installation software compatibility under the new hardware platform. *Troubleshooting hardware problems* including failures in writing to **flash memory** during installation.

IBM through ANALYSTS INTERNATIONAL, INC., Boca Raton, FL   3/1996 - 5/1996
Software Engineer

Testing of a **voice recognition**, navigation and dictation product (*Via Voice* prototype) for Windows '95.

IBM through KEANE, INC., Boca Raton, FL   4/1993 - 1/1996
Manager (Administrative and Technical)

Managing both administrative and technical aspects of an **OEM** Lab for **OS/2**. *Monitoring and evaluating progress* of each employee. *Delegating all work* assigned to the OEM Lab. **Diagnosing Intel**-style OEM machines as having *software or hardware problems* and debugging those which are software. Debugging using the OS/2 **kernel debugger** of Traps i.e. *Stack Overflows / Memory Protection Faults* etc. - requiring use of **PCplus** and **Norton Utilities**. *Coordinating* lab activities - *leadership* role. *Creating programs and forms* to track all OEM machines and to *save time*, improving *productivity* of the work force. **Documenting** software problems on CMVC and contacting development to resolve. OEM machine tracking done with **Lotus Notes**. Maintaining communication between computers in lab with **TCP/IP** and **Token Ring**. Programmer/Analyst duties such as coding in **C** and **Assembly** of **device driver** test for **FVT** and programming in **REXX** for a **Y2K** assurance program. Maintaining organization of OEM Lab **procedures**. **Installing** and **testing** builds of the product.

IBM through UNITED ENGINEERS. INC., Boca Raton, FL   2/1993 - 3/1993
Software Engineer, Paperless Manufacturing Workplace Project

Testing of *Paperless Manufacturing Workplace (PMW).* Testing the **migration** of data from a database of early release to a **database** of present release. Learning **client/server** based product and communications system rapidly to meet deadline.

DATA MANAGEMENT through THE REGISTRY, INC., Scranton, PA   3/1992 - 1/1993
Software Engineer

Developing and **testing** a **database** software product designed for **large-memory** computers used in the **banking industry**. *Designing of complex dialog boxes* using Windows-style Graphical User Interface **(GUI)** and **C** language coding to improve *ergonomics* of product for customer accessibility. Writing code to *correct software problems*. Utilizing C-Debug software to *flush out run-time errors* by injecting debug code into the source code. Interfacing with Softran Corporation to customize **C-Debug** and **C-Verify** software for use with the **WATCOM** compiler. Organizing all product source code with **C-DOC** for improved *readability*, function tree generation and cross-referencing. Code tracking done with **PVCS**. Writing **test plans, test case matrices** and **test cases. Testing** and submitting *problem reports*. Requesting of **design** changes.

IBM through THE EXPERTS, INC., Boca Raton, FL   4/1990 - 12/1991
Programmer, System Test II

Programming in **C** to *revise* **OS/2 Presentation Manager** code for *test applications*. Programming in C to *create* a **debug tool** *facilitating* loading of the debug kernel and **symbol** files. Automating *Graphics Engine* and Dynamic Data Exchange **(DDE)** test cases using **Record/Playback** *keyboard and mouse recording facility*. Other *test automation* was done using **Feldspar**. Testing of OS/2 Graphics Engine and DDE using graphics applications.

INTERNATIONAL BUSINESS MACHINES (IBM), Boca Raton, FL   1/1989 - 3/1990
Co-op and General Supplemental, Educational Software

Programming in **C** to design and prototype a **Novell** Netware **LAN network** version of a software product. Involved in **design** *specifications* of the software product. Main developer and *overseer* of code modifications. Charting of progress done through **Lotus Freelance**. Writing **test plans** for Primary Editor 1.02. **Testing** of Primary Editor 1.02.

Education

M.S. *(partial)***, Computer Science,** Florida Atlantic University, Boca Raton, FL
B.S., Electrical Engineering, Florida Atlantic University, Boca Raton, FL
Background includes *professionally* oriented courses in Computer Science. Projects include M6800 Microwave Oven controller and TMS32010 Real-time Harmonic Synthesizer.