

<b>RESUME</b>	Dennis W. Perna Auburn, WA 98001	November 1, 2005 <b>dennis@dcrmail.com</b> <a href="http://www.southlake.net/resume">http://www.southlake.net/resume</a>
<b>Employment Criteria</b>		
<b>Objective</b>	A part-time position in analysis, technical advisory, data management, or office administration in a multi-tasking and multi-discipline environment, especially involving software engineering, computer graphics; web page design, computer and network support, or technical writing.	
<b>Primary Skills</b>	<p>Programming languages such as C, Java, javascript, Fortran, and PERL. Operating systems and applications such as Windows (98/ME/2000/2000 Server/XP), SQL Server 2000, transact-SQL, IBM MVS, UNIX, Rumba, Exceed, Frontpage (XP), Dreamweaver (MX), Fireworks (MX), Homesite(5), Photoshop (7), PHP4, MySQL, network installation, MS Office (2003), Wordperfect (2004), Corel Draw (11), Internet Explorer (5+), Netscape Communicator (4.5+), Acrobat (6), and image scanning and processing.</p> <p>Experienced in all aspects of publishing to the web: design, document conversion, efficiency, tools, HTML, internet service provider selection, web host selection, and porting to web host.</p> <p>MCDBA, MCSE, and MCSA certified.</p>	
<b>Other Skills</b>	Digital and 35-mm photography. Technical and personal writing. Microsoft Certified: MCDBA, MCSE, MCSA, MCP	
<b>Professional Attributes</b>		
<b>Education</b>	<p>2003-2004. Microsoft Certified for MCDBA, MCSE, and MCSA.</p> <p>1977-2002. Boeing-provided courses for C-language, Catia, Java, Java server pages, structured programming, etc.</p> <p>1978. Course requirements for M.S. in Computer Science, UCSB, Santa Barbara.</p> <p>1965. B.S. in Physics from University of Washington.</p>	
<b>Capability</b>	<p>Process-oriented, with a naturally analytic mind.</p> <p>Self-starter, requiring minimum amount of supervision.</p> <p>Can build projects from scratch, but also good at deciphering and revising the work of others.</p> <p>Attention to detail, able to discern inconsistencies.</p> <p>Able to figure out a variety of user-unfriendly software tools.</p>	
<b>People Relations</b>	<p>Good people and teaming skills.</p> <p>Active in diversity programs...respectful of, and supportive of, diversity in the workplace.</p> <p>Ethical worker...take the job seriously.</p> <p>Not a user of tobacco products or drugs, and seldom drink alcohol.</p>	

<b>Experience</b>	
<b>Employer</b>	<b>Boeing Commercial Airplanes</b> Renton, Washington
<b>Position</b>	Programmer/Analyst-Engineering/Scientific
<b>Boeing Dates:</b>  <b>May 1977</b> <b>to</b> <b>October 2002t</b>	<p><b>CAD/CAM:</b> Worked on web projects, for documentation, training, and group activities, using both UNIX and NT web servers.</p> <p>PL/I to C software conversion, for porting software from IBM mainframe to UNIX.</p> <p>Created test scripts, for a special tooling program (TDM).</p> <p>Programmed on CDC CYBER (Fortran 77) and IBM 370 (Fortran, JCL) to produce, maintain, configuration control, and backup a system of pre- and post-network-processors (CIIN) that converted data (including IGES files) to and from a variety of design, drafting or N/C systems. Another program (GDBMS) in this system was used for database management. The system including more than 37,000 lines of code (not including comments). Produced large amount of documentation and utility programs to support this system, including a configuration management program. All work included designing, coding, deciphering, maintenance, prototyping, troubleshooting, testing, and documenting.</p> <p><b>IGDA support:</b> Programmed on DEC PDP 11/70 (Fortran 66), and on the CYBER (Fortran 77) to support utility and graphics software.</p> <p><b>Flight Test:</b> Programmed on IBM 370 (PL/I) to build a very large menu-driven dual screen graphics package, designed and produced using structured techniques.</p>
<b>Projects Completed</b>	<p>Prototype release of a leadership web site. This included successfully building java plot-generation program that a major software house had been unable to do.</p> <p>PL/I subroutines successfully converted to C.</p> <p>Website for group event with a <i>Wizard of Oz</i> theme.</p> <p>Test scripts and seed files for Tooling program (TDM).</p> <p>Phase-out of GDBMS system for elimination of Cyber computer.</p> <p>Many successful blockpoints for the CIIN/GDBMS system, which was constantly being pushed to the limit of system resources.</p>
<b>Employer</b>	<b>ITT Federal Electric Corporation</b> Vandenberg AFB, California
<b>Position</b>	Senior Programmer
<b>ITT Dates:</b> <b>Jan. 1970</b> <b>to</b> <b>Apr. 1977</b>	<p>Programmed on IBM 360/65 (Fortran, JCL) to design two large plotting programs for missile range safety. One program built meta-language plot files (GRPHGEN), and the other (PLOTGEN) sent data to a variety of plotters.</p> <p>Programmed on IBM 7094 (Fortran 66) to build a program called AUTOMATE, a large automated range safety program.</p>

<b>Projects Completed</b>	The GRPHGEN-PLOTGEN system was built, tested, and put into production. The IBM 7094 was phased-out, and the software was ported to a new architecture on the IBM 360.
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