

# CHRISTIAN G. HÖLTJE

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<b>PROFESSIONAL SUMMARY</b>	Over twelve years of experience in designing, writing, managing and debugging software systems from simple systems to enterprise wide critical systems. Experienced in researching, designing, and implementing usable solutions for technical and non-technical customers. Repeatedly recognized for ability to work with and learn diverse platforms and technologies quickly and effectively.
<b>QUALIFICATIONS</b>	<ul style="list-style-type: none"><li>• Proficient in C/C++, Perl, Python, PHP, SQL, Unix Shell, Javascript/ECMAScript, HTML, CSS, Java, LISP/Scheme, Pascal, BASIC, visual programming, version control systems</li><li>• Experienced administrator and developer for many platforms: Unix, Linux, TANDEM Guardian, Solaris, Microsoft Windows (workstation and server), Mac OS (classic and X)</li><li>• Hands-on experience leading all stages of software system development from gathering requirements and design through QA and support</li><li>• Experienced in automating businesses and processes, developing operating system platforms, implementing mission critical systems, managing and designing relational databases, creating user friendly systems</li><li>• Experience in training and documenting computer processes and software</li><li>• Red Hat Certified Engineer</li></ul>
<b>PROFESSIONAL EXPERIENCE</b>	<p><b>Sr. Software Application Engineer</b> <a href="#">Vivisimo, Inc.</a> Pittsburgh, Pennsylvania 2006-now</p> <ul style="list-style-type: none"><li>• Designed and implemented interactive features for Velocity.</li><li>• Designed and implemented advanced features for customers and in-house demo sites.</li></ul> <p><b>Software Production Engineer</b> <a href="#">TimeSys Corporation</a> Pittsburgh, Pennsylvania 2004-2006</p> <ul style="list-style-type: none"><li>• Designed, implemented, and maintained the LinuxLink BuilderSystem: a system to build, manage, publish and maintain projects used by both in-house engineers and external customers.</li><li>• Designed, implemented and documented zero-downtime site management system.</li><li>• Designed and implemented a prototype Automated Embedded Board Farm to automate installation, booting and testing of embedded systems from remote locations.</li></ul> <p><b>Lead Developer</b> <a href="#">Rackspace Managed Hosting</a> San Antonio, Texas 2000-2004</p> <ul style="list-style-type: none"><li>• Designed, implemented, and maintained <a href="#">CORE</a>; a custom built enterprise-wide CRM, Ticketing and Automation System using PHP, Perl, Python, SQL and Apache</li><li>• Implemented and maintained internal use libraries and tools such as HTML GUI toolkits, version control (CVS and <a href="#">Bit Keeper</a>), Object Oriented Relational Model libraries, and Business Logic Libraries</li><li>• Worked with other departments to design solutions to improve their performance and productivity</li></ul> <p><b>Senior Build Engineer</b> <a href="#">TurboLinux, Inc.</a> Brisbane, California 1999-2000</p> <ul style="list-style-type: none"><li>• Designed, implemented, maintained and managed operating system platform development procedures and tools</li><li>• Implemented and maintained automated RPM package tracking and build system</li><li>• Built and updated RPM packages for the TurboLinux distribution</li><li>• Performed as Gatekeeper and QA control for TurboLinux distribution</li></ul>

	<p><b>Information System Analyst</b>  <a href="#">Tandem Computers Inc.</a> San Jose, California 1996-1999  Tandem was purchased by Compaq Computer Corporation in 1998</p> <ul style="list-style-type: none"> <li>• Maintained and provided support for Tandem NSK Systems to internal developers and external customers</li> <li>• Automated cold start procedure, reducing start time from 4+ hours to 1 hour</li> <li>• Administered all non-NSK systems and software: Solaris, Win NT, Win95/98, Storage Tek ACSLS, NSK Monitoring Solution</li> <li>• Devised and managed complete disaster recoverable backup strategy and schedule</li> </ul> <p><b>Kernel Test Suite Programmer</b>  <a href="#">Argus Systems Group, Inc.</a> Champaign, Illinois 1995-1996</p> <ul style="list-style-type: none"> <li>• Developed and maintained Kernel Test Suite for Argus's Solaris Based B1/ITSEC compliant secure OS (currently called PitBull)</li> <li>• Analyzed inconsistencies and provided QA for kernel developers</li> <li>• Developed initial public web site</li> </ul> <p><b>Network Support Technician</b>  <a href="#">University Residence Halls at UIUC</a> Urbana/Champaign, Illinois 1994-1995</p> <ul style="list-style-type: none"> <li>• Assisted students onto the network</li> <li>• Resolved problems on the network and on the students' computers</li> <li>• Managed my residence hall's network infrastructure</li> <li>• Developed URH Network installer in MS Visual C++</li> </ul> <p><b>Instructor for Student Free Classes</b>  CCSO at <a href="#">UIUC</a> Urbana/Champaign, Illinois 1993-1995  Computer and Communications Services Office at the University of Illinois at Urbana/Champaign</p> <ul style="list-style-type: none"> <li>• Taught introductory and advanced classes such as: DOS, Mac OS, Windows, Unix, Word Perfect, Microsoft Word, Lotus 1-2-3, and other similar topics</li> <li>• Designed and implemented web based system to allow students to sign up for classes via the web</li> <li>• Provided assistance with web and documentation design</li> </ul>
<b>EDUCATION AND TRAINING</b>	<p><b>Bachelor of Science in Computer Science</b>  <a href="#">University of Illinois at Urbana/Champaign</a> 1992-1996  Graduated from the school of engineering with a bachelor of science in computer science with a goal directed sequence in music and sound theory</p>
<b>NON-WORK RELATED EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Active contributor to many projects such as: <ul style="list-style-type: none"> <li>• OpenZaurus</li> <li>• OpenEmbedded</li> <li>• Debian Linux distribution</li> <li>• Linux Kernel</li> </ul> </li> <li>• Presented at the Ottawa Linux Symposium</li> <li>• Provides technical services for the <a href="#">Chicago IANDS</a> web site</li> <li>• Provides remote desktop and software troubleshooting for a variety of platforms</li> <li>• Manages collection of domains and email services at <a href="#">Gerf.org</a></li> <li>• Written several programs and system extensions for the Palm series of devices</li> </ul>