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| Objective | I'm seeking to provide quality software solutions that will allow me to use my experience in Object Oriented Analysis and Design, Java, Android Applications, PHP, Relational and Object Oriented databases, JavaScript, Java, Java Server Pages, Servelets, JDBC, C++, C, SNMP, and Network Management Software. |
| Experience | **2011 -- Present HSP Software** San Jose, CA  **Partner/Lead Engineer**   * Created an Android Application, [RowStat](http://www.rowstat.com), for Competitive Rowing. Now in beta-test.   **2012 Peachpit Press** San Francisco, CA  **Technical Reviewer**   * Was the Technical Reviewer for [*PHP Advanced: Visual QuickPro Guide*](http://www.amazon.com/PHP-Advanced-Visual-QuickPro-Guide/dp/0321376013), by Larry Ullman.   **2009 -- 2010 McGraw-Hill Publishing** San Francisco, CA  **Technical Editor**   * Was the Technical Editor for [*Plug-In CSS & HTML: 100 Power Solutions*](http://www.amazon.com/Plug--CSS-100-Power-Solutions/dp/0071748768/ref=sr_1_3?s=books&ie=UTF8&qid=1291914066&sr=1-3)by Robin Nixon. * Was the Technical Editor [*Plug-In JavaScript: 100 Power Solutions*](http://www.amazon.com/Plug-JavaScript-100-Power-Solutions/dp/0071738614) by Robin Nixon.   **2009 -- 2010 Alan Solis Software Consulting** Campbell, CA  **Consultant**   * Creating, updating, and maintaining web-sites using PHP, MySQL, and JavaScript. |
|  | **2009 O’Reilly Publishing** Campbell, CA  **Technical Reviewer**  Reviewed and edited a book about Web Design, PHP, MySQL, and JavaScript: [*Learning PHP, MySQL, and JavaScript: A Step-by-Step Guide to Creating Dynamic Websites*](http://www.amazon.com/Learning-MySQL-JavaScript-Step-Step/dp/0596157134/ref=sr_1_1?ie=UTF8&s=books&qid=1274855748&sr=1-1)by Robin Nixon. |
|  | **2007-2008 San Jose State University** San Jose, CA  **Teaching Assistant**   * Taught Freshman Composition courses for the English Department. |
|  | **2004 -- 2005 Informative Corporation** Brisbane, CA  Software Engineer (Contract)   * Added new features to Informative’s web-applications using Java, Eclipse, JSP, JavaScript, JDBC, SQL, Server2000, JRun4, and JUnit. |
|  | **2001-2002** **CustomSoft, Inc.** Campbell, CA  Software Architect   * Designed, architected, and coded a Project Management/Accounting Web-Based application using JSP, SQL, JDBC, PostgreSQL JavaScript, and HTML. |
| **1999-2001** **Com21, Inc.** Milpitas, CA  Team Lead   * I architected the changes to the Com21 Network Management And Provisioning System (NMAPS) that allowed it to support multiple cable modem standards. I used C++, SNMP, Motif/Tcl, Openview, and an Object Oriented database on the server side and used Java, JNI, and RMI to write the applet user interface in the client side. * I led a team of four software engineers during 2000-2001. I specified projects and provided mentoring as needed. I interfaced with our customers and used that information to create new projects for our team. |
|  | **1994-1999** **Nortel Networks, Inc.** Santa Clara, CA  Software Engineer   * I designed and then wrote a Java/C++ client-server Access Control application that would allow network manager specifiable levels of access to all applications that were part of the Optivity NMS. * I wrote a Layer 3 Path Tracing utility in C++ that used RMON data to show network usage. * Rearchitected a network simulation tool to retrieve and analyze Layer 3 RMON data along with Layer 2 data that gave network managers insight into network usage. |
|  | **1991-1994** **T3Plus Networking, Inc.** Santa Clara, CA  Software Engineer   * Member of a small team that created a Network Management Station application to manage networks of T3 multiplexors. I was the architect of the NMS platform. |
|  | **1988-1991** **DCA/Cohesive Networks/Racal**  Los Gatos, CA  Software Engineer   * Responsible for new feature design, development, and unit test for a major release of the Network Management station application that managed networks of T1 multiplexors. |
|  | **1987-1988** **Modulus Data Systems** Sunnyvale, CA  Software Engineer   * Was part of a small team that created a Laboratory Information System for clinical laboratories. |
|  | **1978-1987** **U of A Computing Services** Fayetteville, AR  **Programmer/Administrative Assistant/Operator** |
| Education | **2005-2008** San Jose State University San Jose, CA   * **Master of Fine Arts in Creative Writing**   **1984-1986** University of Arkansas Fayetteville, AR   * **B.S., Computer Science**   **1977-1982** University of Arkansas Fayetteville, AR   * **B.S., Physics** |