

Dan Smith

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Objective Looking for a software design position with a company I can respect. Especially interested in working with medical technology, assisting scientific research, or working for non-profit organizations.

Summary Software developer with a strong focus on producing high quality, maintainable work that exceeds expectations. Experienced with an ISO 9001 compliant development process. Experienced developing an n-Tier application to support hundreds of users. Skilled in working with a team and mentoring other developers. Enjoys working with users and translating requirements into practical solutions.

Skills

Languages	Java, C++, C, SQL, TCL, HTML, Javascript, XSLT
Concepts	Object Oriented Development, n-Tier Applications
Platforms	Unix, Linux, OS X, Windows XP
Tools	eMatrix, Qt, Ant, Make, CVS, Clearcase, J2EE

Experience **Columbia Sportswear** **Portland, OR**
Programmer Analyst 2 *Feb 2002 – present*
Building a web based system to store data and manage work flows for apparel development. The system currently manages apparel design specifications and merchandising plans. This tool is based on eMatrix, an extensible product life cycle management tool. Responsibilities include:

- Modeling and building database structure (eMatrix, UML).
- Developing user interface and business logic (Java, JSP, HTML, Javascript, TCL).
- Developing data reporting tools (Java Servlets, JSP, XML, XSLT, iText).
- Responding to problems with software in use.
- Setting up and maintaining development environment and researching new development tools (CVS, Ant, Weblogic Server).
- Mentoring other developers in eMatrix and J2EE development.

Optivus **Loma Linda, CA**
Intern *Summer 2000*
Developed diagnostics for the delivery end of Optivus's proton radiation based cancer treatment system. Gained experience developing to ISO 9001 standards. Wrote graphical tools to interface with real time systems. Responsibilities included:

- Created design specifications (UML).
- Developed diagnostic tools (C++, Unix, Clearcase, Make, Qt).

Mylex **Fremont, CA**
Intern *Summer 1998*
Created diagnostic tools for a memory management chip in a high end RAID controller (C, DOS).

Education **Harvey Mudd College** **BS Computer Science, 2001**
Awards: National Merit Finalist, Harvey S. Mudd Merit Scholarship, Dean's List – 5 semesters
Projects:

- Wrote networking tools for Jet Propulsions Laboratory (C++, VxWorks).
- Created a neural network integrated circuit (Electric, IRSIM).
- Developed a microprocessor controlled scrolling marquee (68HC11 Assembly, Verilog).
- Wrote a graphical logic simulator (Java).