

Marc Yared Kriguer

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Objective: A challenging and rewarding senior position as a software engineer, involving design and implementation, located in the San Francisco Bay Area.

Employment History: **Sun Microsystems, Inc., Santa Clara, CA. Member, Technical Staff. *October 1999 to present***
Development Team leader for two Java programs: "Integration Server: Secure Trading Agent" and JSR-208 product "Java Business Integration," released as an open-source product.

- Architected, designed, and implemented those products.
- Mentored junior programmers on each of the products.
- Delivered individual milestones on or ahead of schedule.
- Technologies: Java EE, JNDI, XML, XSLT, JMX, JDBC, ant, Maven 1, Maven 2.

Forte Software, Inc., Oakland, CA. Member, Development Staff. *October 1997 to October 1999*
Lead engineer for the data abstraction layer and code generation of the Forte Application Environment.

- Designed the Metadata layer interfaces between GUI side and underlying TOOL/C++ code.
- Designed and implemented a regression suite to test all metadata functionality.
- Maintained and augmented code generation (TOOL to C++) functionality of the product.
- Technologies: TOOL, C++, Java

Capital Technologies Integration, Inc., San Francisco, CA. Senior Developer. *January to October 1997*
Primary engineer for database functionality of a real-time performance analysis tool for system administration.

- Designed and implemented tabular and graphical data displays.
- Designed and implemented a data-driver Renderer to customize data collection agents.
- Ported system from Solaris and Windows to HP-UX.
- Technologies: C, C++, Tools.h++, XRT/Gear

Teknekron Communications Systems, Inc., Berkeley, CA. Software Engineer. *July 1990 to January 1997*
Developer of two network monitoring and management systems in C++ for telecommunications companies.

- Designed and developed the developer environment used by all engineers for those products.
- Optimized and parallelized system builds.
- Independently developed and maintained code for a document markup language that generated output in "man", HTML, FrameMaker, and a proprietary output format.
- Technologies: C++, X11, Motif, Ingres, Oracle, perl, shell scripts

Education: University of California, Berkeley Master of Science, May 1990

University of California, Los Angeles Bachelor of Science, *Summa cum Laude*, June 1988

Honors and Awards: Schlumberger Fellowship, 1990
California Microelectronics Fellowship, 1989-1990
Member, Tau Beta Pi (National Engineering Honor Society), 1987-present
Captain, UCLA Programming Team (ACM National Competition), 1986-1987

Publications: Co-author, *Instructor's Manual for Advanced Programming Design and Structure Using Pascal* (Addison Wesley, 1986)
Co-author, *OASIS: An Open Architecture Scientific Information System* (RIDE-NDS, 1996)

Additional Training and Skills: Languages: Java, C++, C, CORBA, scripting languages (csh, bash, awk, perl), LISP/Scheme, Pascal, REXX, various assembly languages (370, MIPS, VAX, and Z-80).
Operating Systems: Unix (many varieties, including Linux), Windows, MSDOS, VM/CMS.

References: Provided upon request.