

Kurt Rose
Kurt@KurtRose.com
[Additional contact information available upon request]

Goal:

I am seeking a career in product design and development.

Education:

BS Computer Science & BS Electrical Engineering, San Jose State University
Graduation: June, 2009
Unofficial Transcript available at www.kurtrose.com/transcript.txt

Technical Skills:

Portfolio available at www.kurtrose.com/portfolio.

Programming Languages:

C, C++, Java, Python, PHP, Javascript, Matlab (m-file), Verilog, VHDL

Programming Skills:

SQL, HTML, CSS, Bash, Regular Expressions (perl-style), ATA & SCSI command sets, C++: STL, boost, Win32, MFC; Python: feedparser, BeautifulSoup, Django; Javascript: Dojo; Java: Swing, Applet;

Tools:

MySQL, SQLite, Apache, Eclipse (Java and C++), gcc, Visual Studios (C++), Xilinx FPGA toolset, GIMP, WireShark, Oscilloscope and Bus Analyzer experience, CruiseControl, ClearCase, Instiki, Linux & GNU tools, Modelsim

Work Experience:

Web Contracting / Consulting

2/09 - Present

Associate Engineer, Software; Samsung Information Systems America (SISA), Hard Disk Drive Lab
7/07 - 2/09 (full-time)

Direct Report: Charles Tang

Primary responsibility was C++ development.

- Took the lead developing firmware regression test system. This system required many computers to synch up with a central database. Integrated with CruiseControl and internal drive diagnostic tool.
 - Completed several "0-day" programs to serve various internal needs, where the first version of the program was ready the same day as the request was made. (Mostly various text-processing tasks.)
- QA Intern, WorkMetro Inc

6/06 - 11/06 (part-time)

Direct Report: Ben Yee

Primary responsibility was QA of development site before deployment.

FPGA Design Intern, Aeroflex (Cupertino office)

6/06 - 9/06 (part-time)

Direct Report: Dominic Paglia

Primary responsibility was Verilog (FPGA) development.

Continuing Education Activities:

In the period from spring 2007 to the current date, I have attended 10 professional conferences and seminars, totalling about 40 hours of continuing education. I have also read 21 technical books, targetting specific new skills and competencies. (Please see www.kurtrose.com/ce for a complete list.)

References:

Available upon request.