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SUMMARY

Software Engineer, specializing in User Interface design/implementation. Creative, original, adaptive, and tenacious. Comfortable in OSX, Linux, Windows, or web. Preferred programming language is Java, but fluent in c, C++, obj-C, HTML, javascript, and CSS.

EXPERIENCE

Flexera Software, San Jose, California '12-'14

Staff Development Engineer

Successfully converted existing web-based licensing tool to completely new look-and-feel. Repaired numerous problems, resulting in robust and reliable code. Rapidly absorbed large legacy application. Page source was JSP, with active handlers in javascript, and UI look-and-feel in CSS. Also required use of JSTL, jQuery, and Struts.

- ❖ Redesigned web site, including functional spec and mockups prior to coding.

Element CXI, Milpitas, California '05- '12

Manager, User Experience Team

Designed and built tools for programming and simulating reprogrammable hardware, the ECA chip. Required front-end UI development (Java/Swing) and back-end simulator (multi-threaded), communicating through a socket-based API of my own design. Managed a team of five engineers while participating as a hands-on implementer of the original code.

- ❖ Created Visual Programming tools and multi-threaded, cycle-accurate simulator.

Intuit, Mountain View, California '03- '05

Senior Software Engineer

Built automated test and profiling tools for QuickBooks development. Wrote numerous test scripts and reporting tools. Made extensive use of automated test, including 4test and Perl scripting languages.

- ❖ Provided technical leadership in the design and implementation of several projects for entire department.

Apple Computer, Cupertino, California '01 - '02

Senior Software Engineer/Scientist II

Wrote visual programming application to manipulate databases and generate source using a graphical model. Required multi-window graphical presentation of complex object nodes and database elements. Code written in Java and Obj-C for OSX on Mac G4.

- ❖ Invented a diagramming layout technique for simplified diagrams with large numbers of nodes.

Intraspect Software, Los Altos, California '97 - '01

Principal Engineer/Architect

Developed pre-JSP, server-based technology which enabled our customers to embed active Java source code in their HTML pages. Required in-depth knowledge of HTML and HTTP, as well as the creation of an in-line Java interpreter. Code written in Java and HTML for Windows PCs.

- ❖ Designed and built core technology (Template Engine) for an aggressive startup with an aggressive schedule.