

Jasper Lieber

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Software Engineering Skills

Technology & Tools: Android Platform. Windows & Linux / Cygwin. Multiple IDEs (Eclipse, JetBrains, MS Visual Studio). Subversion, CVS, Python, XML, Bugzilla, JIRA, Wiki, standard office application software.
Languages: Java (4 years), C++ (5 years), C (6 years), Pascal, Basic, Fortran, Assembler, Lisp

Software Engineering Experience

Critical Path Software. Portland, OR. October 2009 – December 2010
Developer and Technical Lead for version 1 of the Android eBay app. Version 1.0 released in February, followed by 1.1 in June and 1.2 in November (when it by then had over 3.5 million downloads). Initially hired as second engineer on the project. In December 2009, appointed to Technical Lead to coordinate weekly review and planning between CPS team (2 – 5 engineers, 2 – 4 QA, project managers) and eBay. Engineering tasks included development of major features, bug wrangling, and release engineering.
Development environment: Android SDK, Java, Eclipse, SVN, Jira.

SamSix Software. Portland, OR. August 2008 – August 2009
SamSix is a small company (5 programmers) whose main product is a comprehensive GIS and database application for utility companies. Performed a variety of enhancements and maintenance to the large java application, including working with customers on design-specific needs. Added a Microsoft VirtualEarth visualization layer, making use of the Microsoft web services SDK.
Development environment: Windows & Linux, Eclipse, Java, PostgreSQL + PostGIS, Python, Ant, SVN, Fogbugz.

Thetus Corporation. Portland, OR. February 2006 – August 2008
Development on a suite of installers and upgraders for Thetus products. Written with InstallAnywhere scripts, the installers present panels for configuration of software deployment. Deployment is complex, with dozens of custom panels to facilitate diverse configurations backed by Java code and SQL. Also did maintenance & enhancements to the build process comprised of a family of python scripts that invoke Ant actions.
Development environment: Windows & Linux (Cygwin, Redhat), Eclipse & IDEA, Java, InstallAnywhere, Python, Ant, SVN & CVS, Wiki, Bugzilla & Jira.

VaultLab. April - August 2005
Ported linux based application to MS Visual C++. VaultLab was a 4 person distributed company prototyping email security tools.

Neurometrics Institute. Berkeley, CA. March 2003 – October 2003
Software development of *WinVis*, comprehensive packages for scientists conducting research on the visual systems of the brain. Tools: MS Visual Studio, C++, MatLab.

Autodesk. San Francisco, CA. November 1996 – June 1997
3D Animation Software Engineer. Developed plug-in components to the software package, including a slicing tool to intersect a cutting plane with 3D geometry to create architectural sections.

Alias/Wavefront (Silicon Graphics). Santa Barbara, CA. 1995
3D Animation Software Engineer. Developed motion capture software. Wrote data translators and device drivers to bring motion capture data into a character animation application.

University of Oregon. Eugene, OR. 1991 - 1993
Developed educational software for the chairman of the Biology department. Wrote Macintosh applications demonstrating principles of demography and evolutionary mathematics.

Wavefront Technologies. Santa Barbara, CA. 1987 – 1990
3D Animation Software Engineer. Developed an API for platform independent binary I/O of structured databases. Wrote a parser for a database structure meta-language. Worked on “Visual C”, a SDK for outside developers. Managed nightly automated build scripts.

Software Engineering Experience (continued)

Auto-trol Technologies.

Denver, CO. 1985 – 1987

Member of a 10 person team developing a 3D CAD system.

Microsoft. Summer Engineering Intern.

Seattle, WA. 1984

Involved in the development of Macintosh Basic 2.0, doing testing and writing demo-ware. Had dinner with Bill Gates.

Other Experience

Co-holder of two patents (software licensing technology, 1986, and biological educational software, 1992).

I spent a few years teaching at the secondary school level. In 2000, I completed a California Teachers Credential program, and spent the next year teaching mathematics in Honduras in a bilingual school.

Education

Cornell University

Ithaca, New York. 1981 – 1985

Bachelor of Arts (double) in Mathematics and Computer Science.