

Jonathan Rosenberg

Objectives **Software/Web Developer**

To secure a position where I can utilize my talents by creating software solutions to a wide variety of situations – including performing the tasks of design and implementation of websites that make use of web technology, thereby providing greater business value.

Experience 2008 Turn2Live Austin, TX

Cofounder

- Was one in a group of 40 entrepreneurial, business, and technical UT students who were selected to participate in an event called Venture Weekend where we created a startup called T2L.
- Assigned positions for development and design of User Interface for the launch of the company.
- Received prize money for T2L by becoming an Idea to Product (I2P) competition finalist
- Involved in UT grad students research to create a semantic search engine to be able to search not just bands but experiences.
- It's primary goal was to deliver the most comprehensive live-music search engine available to-date.
- Constant collaboration with the technical side of the company.

2007 E2open Austin, TX

Software Developer

- Developed an automated solution to replace a manual email process for addressing users needs. This provide both a savings in man-hours to complete the task as well as increased user satisfaction due to fast turn-around and access to immediate resolution for their needs.
- Needed a real-time solution for getting 3rd party licenses to legal and I developed an automated solution to accomplish this, thereby providing E2open with a streamlined solution to handle both complex legal issues as well as providing a single licensing process to insure the integrity of the licensing processing system.
- These solutions required integration of multiple databases as well as using wide variety of technology including (but not limited to) web design, scripting, struts, mySQL, email technology, etc.
- Integration of multiple software applications under a single JBoss server
- Configuration of SQL permissions and developed SQL software to meet company standards
- Coding in java and scripting languages to search company server and parse 3rd party licensing data into xml format

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2005-2006 The Great American Film Project (TGAFP) Austin, TX

Webmaster-Graphic Designer

- TGAFP had a static, hard-coded home page and I turned it into a dynamic page utilizing flash technology that better represented their mission statement as well as better representing what a user would expect from a web-site dedicated to film.
- In redesigning the web-site I was able to abstract out the concepts in order to allow much easier maintenance and updates for future developers and designers, which allowed a faster implementation and a cleaner more professional design.
- Responsible for all departmental website publicity, including
 - Articles in newspapers, magazines and images on the website
 - Promotional articles such as site banners, Flash content, Graphics, Film shorts, etc.

2003-2005 Elevator Art Club (EAC) Austin, TX

Cofounder-Coordinator-Webmaster

- Developed a group to gain recognition for artists in the UT community. I achieved this by directing and coordinating a 5 member group of artists in designing portable artworks for downtown that was awarded "*Best of Austin Art Collective*" by "*The Austin Chronicle*".
- I built interest in the Austin by managing unannounced group filming and performances in elevators located in downtown hot spots.
- Implemented a home for the group on the web by developing a dynamic and artistic website with flash based technology that allowed easy building of video and profile libraries for the members and artwork.

Skills

Languages: Java, C++/C, ActionScript 3.0, Python, Ruby, MySQL, Shell scripting, JSP, PHP, JUnit, JavaScript, CSS, Ajax, XML, XSL, HTML1.0, MIPS,

IDE's: Eclipse, NetBeans, Microsoft Visual C++, SVN software, ClearCase, Log4j

Applications: Abode Macromedia CS3 software (Dw, Fl, Ai, Ps, etc.), Final Cut Pro, MS Office (Word, Excel, etc.), OpenOffice, Media Editing Applications.

Open Source Projects: JavaBB, JSPWiki.

Operating Systems: Windows XP, Linux (command line, cygwin, KDE), Mac OS X

Multi-lingual: English, German

Education

Projects:

- Multi-threaded and parallel "Map/Reduce" paradigm used in large cluster-scale search engines.
- RSA encryption and decrypt (java)
- Data File Lempel-Ziv compression and decompression (java)
- Exploiting then Preventing Stack Buffer overflow in LC-3 recursive functions

GPA 3.1 (Computer Science GPA 3.0)

The University of Texas at Austin 2006-2009 Austin, TX

- Enrolled in the B.S. Computer Science Program
- Holds a Operating Officer Position in ACM (The Association for Computing Machinery)

Austin Community Collage 2004-2006 Austin, TX

- Recognized in Scholastic Leadership in the International Honor Society Phi Theta Kappa