

Eric Andrew Rose

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EDUCATION

Northeastern University
M.S. Computer Science

Boston, MA
3.8/4.0 GPA

Otto-Friedrich-Universität Bamberg
Informatik (Computer Science) exchange

Bamberg, Germany
Aug. 2005 – Jul. 2006

Clemson University
B.S. Computer Science
Graduated August 2006

Clemson, SC
3.55/4.0 GPR
3.75 In major

PUBLICATIONS

B Burley, P Wemeck, and E Rose
Supporting Multiple Values per Row in a Tkinter Listbox
O'Reilly's Python Cookbook, 2nd Edition pages 445-446 (2005)

WORK EXPERIENCE

Actimize, Inc.

Financial Software Developer – Professional Services

New York, NY
Sept. 2008 - Present

- Developed J2EE plugins to Case Manager for multi-user distributed environment
- Maintained C++ web services interface to Bank of America source systems over SSL
- Formatted XML using XSL and XSLFO making it user friendly with on demand sections
- Built JSP web app allowing fraud analysts to securely retrieve and review deposit images
- Designed management dashboard to allow high level statistical review of fraud alerts
- Worked with IBM partners to streamline ETL performance

X Industries, Inc.

Software Developer

Allston, MA
Jun. 2007 – Aug. 2008

- Led development of Java based online CMS giving musicians a consistent online brand
- Tightly integrated an interactive flash widget into the Facebook App infrastructure
- Wrote Ruby Gems allowing the manipulation of audio files through RoR interface
- Implemented OpenID for several X Industries implementations allowing user portability

ITI – Transcendata

Software Developer (Coop)

Charleston, SC
Jan. 2003 – Aug. 2004

- Developed interactive JSP pages for Business Unit management in PLM system
- Coupled Matrix database with CAD applications allowing engineers to persist designs
- Improved the security of key generation and verification for the installer using certificates

ACADEMIC EXPERIENCE

- Built an IR system for the TREC corpora consisting of 84,678 news stories from the Associated Press using vector space and language modeling with LaPlace and Jelinek-Mercer smoothing and optimized with BordaCount metasearch.
- Designed and implemented collaborative filtering (content and non-content based) data mining algorithms for predicting user rating of NetFlix movies.
- Implemented Brin,Page, Motwani, Winograd PageRank algorithm in Python
- Compiled custom system instructions into Linux 2.4 kernel
- Wrote certificate signature, encryption and decryption algorithm in SPARC RISC assembly

EXPERIENCE

Languages: Java; C/C++; JSP; Python; Jython; PyUnit; Tkinter; Javascript; SQL; Bash; Scheme; HTML; XML/XSL; SVN/CVS; PHP; SPARC/SRC assembly

Operating Systems/Platforms: Linux (RHEL); Solaris; HP-UX; IRIX; AIX; Mac OS X; Windows 3.1 - Vista
gSoap, OpenSSL, WebSphere, Tomcat, Oracle 9-10, SQL Server 2000-2009, WSDL, AJAX

HONORS/AWARDS/GROUPS

Dean's List, Academic Scholarship recipient, Honors Computer Science Fraternity, Linux Users Group, ACM, IEEE, New York Road Runners, Bike New York