

Justin Lippi

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Work Experience:

- June 2011- Sept 2014 **Software Developer II, Jackson National Life, Lansing, MI**
- Lead mainframe developer for production system to synchronize tables of assembler code across multiple systems. Wrote XML parser for the mainframe and designed and coded pipelines to convert information sent via XML to system tables and verify their integrity.
 - Wrote an eclipse plugin proof of concept in Java to allow mainframe programmers to continue using REXX scripts while using the eclipse-based IDE.
 - Important player on team for primary 2014 corporate initiative to convert all policies onto a single administration system.
 - Refactored large part of Quarterly statement code for Fixed Index Annuities.
 - Helped project managers with problem triage and communication/negotiation with QA and business users under high pressure and tight deadlines.
 - Mentored junior developers on how to approach and solve problems.
 - Wrote application to supplement source code management system, vastly speeding up the time it takes to deploy from hours to minutes, with fewer errors.
- Sept 2014- Present **Zipfian Academy, San Francisco, CA:**
- Focused on Data munging/cleaning, Machine Learning, Statistics, Python Programming, and Data visualization.
 - Implemented supervised and unsupervised machine learning algorithms using Python and numpy.
 - For capstone project, built helpdesk ticket classifier and web dashboard using TFIDF and Latent Dirichlet Allocation to help automate ticket processing.
- Summers 2005, 2006, 2007 **Tutor and Assistant, Andrews University, Berrien Springs, MI**
- Recruited by professor whose 'Physics for scientists and engineers' course I took during highschool to assist during summer version of the college course.
 - Provided group and one-on-one educational assistance to students as well as regular feedback to Physics Department faculty and staff.
 - Main classroom assistance for Physics class with responsibilities including laboratory preparation, grading assignments, and delivering portions of educational materials.

Education:

- Michigan State University
 - BS, Psychology - May 2010
 - BA, Philosophy - May 2010

Technical skills:

- Languages:
 - Python - (Pandas, NumPy, Scikit-learn, Scipy, Statsmodels, NLTK, BeautifulSoup, Matplotlib, Flask, Gensim)
 - COBOL, REXX, JCL
 - Excel VBA (beginner)
 - Java (some exposure)
 - Javascript (some exposure)
- Databases - SQL (DB2, Postgres), MongoDB, Mapreduce, Hive, Pig
- Visualization - (Matplotlib, gephi, d3)
- Other technical - git/github, bash, Linux

Community outreach:

- Ele's Race 5k door prize and race bag chair (2013)
- Executive Board, MSU Alliance of LGBT Students (2007-2009)
- MSU Student Life Campus Impact award - Individual (2009)