

Robert L. Jefferson

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Education:

- Bachelor of Science, Economics, Carnegie Mellon University, Pittsburgh PA, August 1997 – May 1999, January 2004 – May 2008
- Graduate coursework in Economics, Northwestern University, Evanston IL, September – December 2008, January – June 2010

Highlights of Experience:

Research Assistant, Heinz College

- Wrote code in Stata to aid in a research project examining explanatory factors in historical immigration restriction laws
- Collected data and reconciled errors and uncertainties in historical United States Census data
- Won “Best Tepper Senior Honors Thesis in Economics” award from research started as an assistant

Teaching Assistant, Tepper School of Business

- Served as the lead teaching assistant and point of contact for a 300-student principles of economics course
- Taught weekly recitation sections and held office hours in econometrics and history of economic thought courses

Macintosh System Manager, University of Pittsburgh Medical Center

- Established a Mac-focused system support team for an oncology research group
- Wrote policy and procedure documents for Mac maintenance, repair, and backup
- Set up and maintained a Linux server running GForge, PostgreSQL, and Python for the National Institutes of Health

Assistant Business Analyst, Giant Eagle, Inc.

- Wrote programs in SAS and IML to analyze the effectiveness of customer promotions for Giant Eagle, Inc.
- Implemented decision tree and naïve Bayesian models for forecasting coupon redemption
- Developed a Perl-based query scheduling system for reducing database loads
- Developed routines in Excel VBA for information visualization and pricing models
- Presented projects and results to business leaders

Independent Consultant

- Designed demos for LinuxWorld, including a real-time videoconferencing application (for TimeSys, Pittsburgh, PA)
- Rebuilt and documented the New York Times Historical Archive site, including Oracle 8i and Apache administration (for Carnegie Mellon University, Pittsburgh, PA)
- Provided desktop and server support for home, business, and non-profit customers

Employment:

- Data Analyst, Julius Silvert, Philadelphia PA, October 2010 – November 2010
- Teaching Assistant, Tepper School of Business, Carnegie Mellon, Pittsburgh PA, January 2007 – May 2008
- Research Assistant, Heinz College, Carnegie Mellon, Pittsburgh PA, February 2007 – May 2008
- Macintosh System Manager, University of Pittsburgh Medical Center, Pittsburgh PA, September 2004 – August 2006
- Computer Associate, Center for the Neural Basis of Cognition, Carnegie Mellon, Pittsburgh PA, April 2002 – September 2004
- System Administrator, Internet Systems Lab, Carnegie Mellon University, Pittsburgh PA, June 2001 – April 2002
- Independent System Administration and Technology Consultant, July 2000 – June 2001
- Assistant Business Analyst, Giant Eagle, Pittsburgh PA, September 1999 – July 2000

Skills:

- **Operating Systems:** Mac OS X (10.2-10.6, including server editions), Linux (Ubuntu/Debian, RedHat/Fedora), Windows, Solaris/SunOS
- **Mathematical/Statistical:** Stata, SAS, Matlab/Octave, S-Plus/R
- **Programming:** Python, Perl, Excel VBA, Haskell
- **Database:** MySQL, Access, Microsoft SQL Server