

Robert L. Jefferson

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- Education** **Carnegie Mellon University**, Pittsburgh PA
BS in Economics expected May 2008
Teaching Assistant for Quantitative Economic Analysis (Spring 2007)
- Experience** **Macintosh System Administrator**, 9/04-8/06
Hillman Cancer Center, University of Pittsburgh Medical Center, Pittsburgh, PA
- Designed and documented procedures and policies for system maintenance, repair, and backup
 - Worked with PC support and programming teams to integrate Macs in a predominantly Windows environment
 - Set up and maintained a collaborative server using GForge, Postgres, and Python for the National Institutes of Health
- Computer Associate**, 4/02-9/04
Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA
- Maintained over 200 Windows, Linux, and Macintosh desktops and servers
 - Wrote documentation for troubleshooting and repairing servers and network infrastructure
 - Developed programs to generate automated local and remote backups across systems
- System Administrator**, 6/01-4/02
Internet Systems Lab, Carnegie Mellon University, Pittsburgh, PA
- Performed network and security administration for Linux and Windows 2000 servers
 - Worked with engineers to establish a long-distance fiber optic backup system
 - Rebuilt and documented the New York Times Historical Archive site, including Oracle 8i and Apache administration
- System Administrator Consultant**, 7/00-6/01
- Designed demos for LinuxWorld, including a real-time videoconferencing application (for TimeSys, Pittsburgh PA)
 - Wrote software to automate network account management (for Berkshire School, Sheffield, MA)
 - Repaired computers of home- and office-based customers
- Assistant Business Analyst**, 10/99-7/00
Giant Eagle, Inc., Pittsburgh, PA
- Refined predictive statistical models for coupon redemption and customer behavior
 - Produced analyses and projections of promotions and store performance for business leaders
 - Worked with consultants on implementing an automated pricing system
 - Designed a Perl-based database query scheduler
- Skills** Business: Financial modeling, marketing analysis, project management
 Programming: Python, Perl, Objective C, SQL (MySQL and Postgres), S-Plus/R
 Operating Systems: Mac OS X, Linux, Windows 2000/XP
- Honors** Summer Undergraduate Research Fellowship, 2007
 Dean's List, Fall 2006 and Spring 2007
- Activities** DJ and Music Director, WRCT Pittsburgh