

Jordan A. Lewis

jalewis@uchicago.edu
(917) 974-7144

Current: 1151 E. 61th St. Apt. 1E, Chicago, IL 60637
Permanent: 6 Warren Place, Brooklyn, NY 11201

Education

Bachelor of Science, Computer Science, The University of Chicago expected 2011
Associate of Arts, Bard College 2007
Bard High School Early College 2007

Experience

Sys. Admin., Computation Institute, The University of Chicago Aug. 2008-Present

- Maintained 2 clusters of around 200 Linux servers each across 2 physical sites; helped develop a software suite to ease cluster error recovery and management
- Assembled and cabled new compute nodes and storage servers; diagnosed, maintained and replaced failed hardware components
- Administered multiple Cyclades console servers and APC PDUs and UPSs

Software Developer, Econnectix, Chicago, IL Jan. 2008-Apr. 2009

- Designed and implemented a system health tracking and management program to detect and handle dangerous physical conditions for a high-availability embedded device
- Designed and implemented "support tunnel" instant tech-support system from scratch in three weeks, allowing customers to get help directly from a device's user interface
- Collaborated on a major refactoring of a storage volume management and server state configuration system for a fibre channel SCSI storage device

Software Developer, Vim, Google Summer of Code Summer 2008

- Designed and implemented undo tree persistence, one of the Vim community's most requested feature additions (undos/redos automatically saved upon closing and restored upon reopening a file)
- Remotely collaborated with project lead and other Vim developers

Tech Support, Lower East Side Girls Club, NY, NY Feb. 2006-Sep. 2007

- Developed infrastructure for automated backups of computers in a small network
- Simplified and improved the organization's ethernet network topology
- Maintained and upgraded hardware and software

Leadership Activities

Intern, National Park Service Youth Conservation Corps, NY, NY Jun.-Sep. 2007

- Collaborated with Governor's Island managerial and grounds staff on physical maintenance and development tasks
- Presented information and historical background about the National Parks Service and Governor's Island to other young adults

Counselor and Trip Leader, Tanager Lodge, Merrill, NY Jun.-Aug. 2006

- Responsible for safety and well-being of four 8-10-year-olds during a 7 week wilderness summer program
- Co-led multi-day wilderness backpacking trips for groups of 8-14-year-olds

Skills

Languages: C, C++, Python, SML, Perl, Scheme, Bash, lex, yacc, L^AT_EX
Web & Network: Apache, mod_python, xmlrpc-c, OpenVPN
Tools: Vim, RCS, CVS, Subversion, git, SQLite
Operating Systems: Linux (Debian, Scientific/Enterprise, Arch, Gentoo), OS X