

# Joseph R. Smith

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- EDUCATION**
- ◇ **University of Nebraska, Lincoln**, Lincoln, NE  
B.S. Computer Engineering. Expected graduation 2008
  - ◇ **DeVry University**, Phoenix, AZ  
Computer Engineering Technology
- RESEARCH INTERESTS** Machine learning, Pattern recognition, Neural networks, Sparse distributed memories, Parallel programming, functional programming.
- SKILLS**
- ◇ C, C++, HTML/CSS, Haskell
  - ◇ perl, php, csh/tcsh, sh/bash, awk, mysql
  - ◇ Microsoft Windows 9x/NT, MAC OSX, Unix/Linux - Unixware, HPUX, Redhat, SuSE, Gentoo (personal favorite), Debian, Cde, Kde, Gnome, et al.
  - ◇ Xen, VMWare, Heartbeat
  - ◇ vi, L<sup>A</sup>T<sub>E</sub>X
- WORK EXPERIENCE**
- ◇ **Linux IT Specialist**, Interact Incorporated, Lincoln, NE (March 2005, Present)  
Engineering Systems Integration Department:
    - Linux environment scripting (bash, php, perl), C/C++ programming
    - Application deployment scripting
    - Server (hardware/software) configuration and maintainance
    - Xen, VMWare, Heartbeat
    - Unix/Linux environment troubleshooting
    - Redhat 7.3/EL3,4,5, Gentoo, SuSE, environment and kernel configuration/installation
  - ◇ **Freelance Web programming**, (2000, Present)
    - HTML/CSS -Design and layout
    - Server-side scripting in perl/PHP
    - Mysql database backends
  - ◇ **Computer Sales/Repair**, Best Buy, Lincoln, NE/Phoenix, AZ (August 2001, March 2005)
    - Computer sales - Product specialist
    - Computer repair - Tech
  - ◇ **Information Specialist Temp**, Li-Cor Biosciences, Lincoln NE (March 2004, June 2004)
    - Configure new systems to add to company network
    - Troubleshooting hardware/software issues
    - Maintaining network security through updates and antivirus protection
    - Troubleshooting and configuration of PC hardware running Windows 9x/ME/XP, Linux

- ◇ **Custom Computer Sales** Dream PCs/Blue Ice Systems (July 2000, January 2003)
  - Custom computers business
  - Managed finances
  - Advertising - web/newspaper/radio
  - Web site design and content
  - Customer support/Tech support, Distributor relations
  - Built computer systems, installed/configured software
- ◇ **Teleprocessing Temp** State of Nebraska Department of Revenue (January 2000, June 2000; February 2001, June 2001)
  - Processed income, withholding, and sales tax

REFERENCE Available on request.