

David Mussulman

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ideal job interest

Research, development, testing, deployment or maintenance of emergent technologies. Emphasis on the social impact of new technologies. Answer the questions: How can new technology enhance existing workflows / lifestyles? Is it being designed and used optimally? Is new technology effectively being presented? How can it be made better?

education

Bachelor of Science in Computer Science – (May 2001)

University of Illinois at Urbana-Champaign, College of Engineering

- Elective courses in software engineering, computer networking, group design project
- Graduating grade point average 3.2 / 4.0 (3.3 in final 60 hours)

Secondary concentration / Application sequence: Speech Communication

- Emphasis on group communication and dynamics, secondary effects of technology
- Elective courses in group discussion and conference leadership, interpersonal, organizational communication, communication technologies in the workplace

work experience

Research Programmer / Systems Admin, Dept of Computer Science, UIUC (Aug 01 – present)

- Responsible for data backups and recovery for over 350 dept machines, over 8TB/month
 - Administer Legato Networker software on Windows, Linux, Solaris, MacOS clients
 - Develop/maintain scripts and tools to administer and audit Networker
- Responsible for wired and wireless network infrastructure in Siebel Center
 - Oversee large enterprise network: 2 routers, 9 access switches, 1800+ jacks
 - Deployed and maintain large enterprise wireless network
 - 40 Cisco Aironet 1200 access points with 802.11g and 802.11a radios
 - First enterprise WiFi Protected Access (WPA) deployment on campus
 - Administer networking software (DNS, DHCP, IP assignment, RADIUS)
 - Provide end user support/assistance with access to networks
- Maintain CSIL instructional lab facilities, departmental news server, various web and database development projects.
- Manage Undergraduate Systems Administrator program of 2-10 student employees.

Undergraduate Systems Administrator, Dept of Computer Science, UIUC (June 99 – Aug 01)

System programmer of tools that make DCS system and network administration easier.

Projects: automatic web log rotation and statistics generation, support system for semi-autonomous OS network installations/upgrades, autonomous network configuration (VMPS, DHCP, dynamic DNS), authenticated walkup network support, backup consistency checking

technical skills

- Systems administration: Microsoft Windows, RedHat Linux, Solaris
- Advanced shell scripting: sh, Perl
- Networking: Foundry Networks, Cisco
- Backups: Legato Networker, DLT tapes
- Web: HTML, CSS, CGI, PHP, MySQL
- Strong networking skills: DNS, DHCP, IP, 802.11, OSPF/RIP
- Equipment: Foundry Networks, Cisco

professional development

Training 4 Business FastTrack Manager Certificate – (Feb 2005)

Training 4 Business Professional Supervisor Certificate – (Feb 2005)

UIUC Campus Computer Support Professionals member (2001 – present)

for fun

Coordinates a 40-person football season tailgate.

Trombone player in University bands.

Enjoys trivia, movies, television, music, sports, travel, gambling, TiVo, Netflix