Jai Dhyani
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1400 Irving St NW, 323
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Democratic National Committee

2011-2013: Systems Administrator
2013-Present: Lead Systems Administrator
Deployed, administered hundreds of servers, databases, networking appliances
Built and maintained scalable infrastructure on AWS
Coordinated with OFA to build and maintain systems, including:

- Narwhal, Vertica, Call Tool, and GottaRegister, among others

Built and deployed systems for Summer Organizers, Democrats Abroad, and others
Built custom in-house tools
Responded to incidents and emergencies 24/7
330 Electoral Votes and 25/33 Senate races

Appliance Builders Wholesalers

2008-2010: Chief Technology Officer
All IT-related responsibilites for a small company of 50+ users in 4 locations

Research

2007: University of Chicago, Speech Synthesis
2006: Rutgers DIMACS, Support Vector Machines

Skills

Linux:

- Ubuntu (8 years), including personal machines and servers
- CentOS (2 years); Enterprise and personal

Languages:

- Python: Extensive experience, including SciPy, Boto, NLTK. Used in business environments and for personal hobbies.
- Shell scripting/Bash: Mostly scripting for systems administration
- Ruby, PHP: Deploying, managing, and debugging in an enterprise environment
- C, C++, Java, Lisp/Scheme: Educational use, with limited enterprise experience
- Limited experience with: Scala, Go, ML, others

Systems:

- Databases: MySQL, PostreSQL, Vertica, Mongo
- Networking: Juniper, HP, Cisco, F5 appliances; Firewalls, VLANs, STP, BGP; CDN management
- Virtualization: Xen, VMWare, EC2
- Software: Apache, Nginx, Memcached, Git, Postfix, Nagios, Cacti...
- AWS: Large-scale programmatic experience with an emphasis on automatic scaling

EDUCATION

University of Chicago, 2009
Computer Science
Focus on Artificial Intelligence and Machine Learning

EXTRA-CURRICULAR ACTIVITIES

Project Euler
Google Codejam 2010, top 2000 worldwide
http://github.com/jaibot
University of Chicago ACM, 2006-2009
ICPC University of Chicago 2007, team "Works in Theory"