

## 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 responsibilities 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, PostgreSQL, 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"*