

## Jai C. Dhyani

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### EXPERIENCE

- |   |  |                              |
|---|--|------------------------------|
| <b>System Administrator</b>   | Democratic National Committee<br>Washington, DC        | March 2011<br>to Present     |
| One of two sysadmins managing infrastructure for the DNC, including the backends for Barack-Obama.com and democrats.org. Built and managed email server and webmail interface for thousands of summer organizers, saving \$20000. Built new backup system. Managed wide array of network infrastructure. Assisted in emergency recovery after major environmental damage. |  |                              |
| <b>Chief Technology Officer</b>   | Appliance Builders Wholesalers<br>Silver Spring, MD    | Summer 2008<br>to March 2011 |
| Managed all IT-related responsibilities for a small company undergoing significant infrastructure changes. Responsibilities ranged from low-level troubleshooting to network engineering and multi-platform system administration. Managed 50+ users across 4 different locations.  |  |                              |
| <b>Research Assistant</b>   | University of Chicago<br>Chicago, IL                   | Summer 2007                  |
| Investigated tonal levels in synthesized speech, and methods of algorithmic pitch correction in speech.   |  |                              |
| <b>Database Programmer</b>  | University of Chicago Admissions Office<br>Chicago, IL | Spring 2007                  |
| Created web interfaces for querying database of applicants and interviewers to simplify admissions and the process of assigning alumni to applicants for interviews.  |  |                              |
| <b>Research Assistant</b>   | Rutgers DIMACS<br>East Brunswick, NJ                   | Summer 2006                  |
| Investigated use of Support Vector Machines on EKG readings to predict seizure onset times.   |  |                              |
| <b>IT Assistant</b>   | Montgomery Home Title<br>Rockville, MD                 | Summer 2004, 2005            |
| Assisted day-to-day IT and administration responsibilities for a medium-sized company with offices across the country in a Windows-centric environment.   |  |                              |

### EDUCATION

University of Chicago, B.A. in Computer Science 2010  
Concentration in Artificial Intelligence

### COMPUTER SKILLS

Extremely proficient Python programmer.  
Familiar with Unix (esp. Debian Linux, CentOS), Windows, OS X.  
Five years experience in LAMP server environments  
Over a decade of providing end-user technical support  
Experience in academic artificial intelligence, especially Support Vector Machines  
Miscellaneous experience with: C, C++, Java, Lisp/Scheme, Bash, PHP, HTML, CSS, SQL (esp. MySQL), L<sup>A</sup>T<sub>E</sub>X  
Semi-fanatical Vim user (but some of my best friends use emacs!)

## **EXTRACURRICULAR ACTIVITIES and COMPETITIONS**

Google Code Jam, 2010 as confused.is.good - Top 2000 Worldwide

Project Euler, ongoing - code and rank available at [github](#)

ICPC 2007 - University of Chicago, team “Works in Theory“

Treasurer, University of Chicago ACM 2007-2009

Member, City of Chicago ACM 2007-2009