

## Jai C. Dhyani

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<http://github.com/jaibot>

### EXPERIENCE

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|---|--|------------------------------|
| <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; 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 streamline interviewing and admissions process.  |  |                              |
| <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.   |  |                              |

### 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  
Experience in academic artificial intelligence, especially Support Vector Machines  
Miscellaneous experience with: C, C++, Java, Lisp/Scheme, Bash, PHP, HTML, CSS, SQL (esp. MySQL),  $\text{\LaTeX}$

### 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