

# Jai C. Dhyani

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<http://github.com/jaibot>

## EDUCATION

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

## EXPERIENCE

<b>Chief Technology Officer</b>	Appliance Builders Wholesalers Silver Spring, MD	Summer 2008 to Present
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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. Migrated business to new email and document management systems, increasing efficiency and saving thousands per year.

<b>Research Assistant</b>	University of Chicago Chicago, IL	Summer 2007
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Investigated tonal levels in synthesized speech, and methods of algorithmic pitch correction in speech.

<b>Database Programmer</b>	University of Chicago Admissions Office Chicago, IL	Spring 2007
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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 East Brunswick, NJ	Summer 2006
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Investigated use of Support Vector Machines on EKG readings to predict seizure onset times.

<b>IT Assistant</b>	Montgomery Home Title Rockville, MD	Summer 2004, 2005
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Assisted day-to-day IT and administration responsibilities for a medium-sized company with offices across the country in a Windows-centric environment.

## COMPUTER SKILLS

Extremely proficient Python programmer.  
Familiar with Unix (esp. Debian Linux), Windows, OS X.  
Four years experience in LAMP server environments (esp. personal web server)  
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, PHP, HTML, CSS, SQL (MySQL, PostgreSQL, Microsoft SQL Server),  $\text{\LaTeX}$   
Semi-fanatical Vim user (but some of my best friends use emacs!)

## EXTRACURRICULAR ACTIVITIES

Treasurer, University of Chicago ACM 2007-2009  
Member, City of Chicago ACM 2007-2009

## **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“