

Jai C. Dhyani

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EDUCATION

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

EXPERIENCE

Chief Technology Officer	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.

Research Assistant	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.

Database Programmer	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.

Research Assistant	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.

IT Assistant	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), \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“