

Jai C. Dhyani

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EDUCATION

Undergraduate at University of Chicago
B.A. in Computer Science
2006-2010
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 while undergoing significant infrastructure changes. In addition to managing and troubleshooting for several dozen employees, configured and managed network to operate between multiple locations. Migrated office from legacy email and document management to newer, more efficient and less expensive system, improving intraoffice communication and saving thousands of dollars per year. Currently migrating from legacy ERP suite to new ERP system.

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
Two years 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), Django web framework, \LaTeX

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“