

# Kartik R. Talamadupula

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Note: Please include the "www" part of the URL

<b>EDUCATION</b>	<ul style="list-style-type: none"> <li>• B.S. Computer Science, Summa cum Laude. Fall 2004 – Fall 2007</li> <li>• <b>Ph.D. Computer Science, Spring 2008 - Current</b></li> <li>• <b>Arizona State University, Ira A. Fulton School of Engineering</b></li> <li>• University of California, Berkeley – Summer 2005</li> <li>• Little Flower Junior College, Hyderabad, India: 2002 – 2004 Junior and Senior years of High School</li> <li>• The Hyderabad Public School, Hyderabad, India: 2000 – 2002 Freshman and Sophomore years of High School</li> </ul>		
<b>PUBLICATIONS</b>	<p style="text-align: center;"><b>Evaluating Temporal Planning Domains</b>          [with W. Cushing, S. Kambhampati (ASU), D. Weld, Mausam (UW)]          Proc. of the <i>International Conference on Automated Planning &amp; Scheduling</i>, 2007          [Ranked 104 out of 1221 CS Conferences by Citeseer. Acceptance Rate: 24%]</p>		
<b>PROGRAMMING LANGUAGES</b>	<ul style="list-style-type: none"> <li>• C</li> <li>• C++</li> </ul>	<ul style="list-style-type: none"> <li>• Java</li> <li>• Prolog</li> </ul>	<ul style="list-style-type: none"> <li>• LISP</li> <li>• HTML</li> </ul>
<b>WORK ELIGIBILITY</b>	<ul style="list-style-type: none"> <li>• Currently on <b>F-1</b> (International Student) Visa</li> </ul>		
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Currently pursuing research in the field of <b>Automated Planning</b> in <b>Artificial Intelligence</b> (Ref: Dr. Subbarao Kambhampati, Professor. E-Mail: <a href="mailto:rao@asu.edu">rao@asu.edu</a>, <a href="http://rakaposhi.eas.asu.edu">http://rakaposhi.eas.asu.edu</a>)</li> <li>• Previously employed at ASU's W. P. Carey School of Business' MBA Program (<a href="http://wpcarey.asu.edu/mba">http://wpcarey.asu.edu/mba</a>) as Web Content Editor. Dec 2005 – May 2006 (Ref: Laura Clark, Web Editor. E-Mail: <a href="mailto:Laura.Clark@asu.edu">Laura.Clark@asu.edu</a>)</li> <li>• Served as Secretary and Campaigns Coordinator for Association for India's Development (AID), Tempe Chapter (<a href="http://tempe.aidindia.org">http://tempe.aidindia.org</a>), a volunteer organization. Currently serving as Newsletter Editor. (Ref: Hemanth Krishnan, President. E-Mail: <a href="mailto:hemanth.krishnan@gmail.com">hemanth.krishnan@gmail.com</a>)</li> </ul>		
<b>HONORS</b>	<ul style="list-style-type: none"> <li>• Honorable Mention, <b>CRA Outstanding Undergraduate Awards</b>, Fall 2007.</li> <li>• Recipient, <b>CSE Undergraduate Research Scholarship</b>: Spring 2007, Fall 2007.</li> <li>• <b>Dean's Honor List</b>, Ira A. Fulton School of Engineering: Fall 2004, Spring 2005, Fall 2005, Spring 2006, Fall 2006, Spring 2007, Fall 2007.</li> <li>• Recipient, <b>Ira A. Fulton School of Engineering's 4.0 Award</b>, Spring '07</li> <li>• Member by Invitation, <b>National Society of Collegiate Scholars</b> (<a href="http://www.nscs.org">http://www.nscs.org</a>)</li> </ul>		

<p><b>SELECTED COURSEWORK</b></p>	<p><b>Digital Design Fundamentals:</b> Designed a simple microprocessor from first principles during the course of one semester through weekly simulations on software and translated the resulting design into hardware. Spring 2005, Dr. Daniel Tylavsky</p> <p><b>Introduction to Software Engineering:</b> Worked with a team for the entire semester on a project to create software from the user specification up until the testing and launch level, following the various models and methods imbibed from Software Engineering specifications. Implemented in software the board game <i>Sorry</i>. Spring 2006, Dr. Debra Calliss</p> <p><b>Computer Networks:</b> Completed three projects through the semester; projects dealt with multithreaded server models, TCP/IP implementations using Java and related socket programming. Fall 2006, Dr. Rida Bazzi</p> <p><b>Design &amp; Analysis of Algorithms:</b> Studied and analyzed advanced algorithms and algorithm design techniques (including brute force, greedy, divide &amp; conquer, dynamic programming and network flow algorithms) and designed algorithms for problems assigned in projects and examinations. Fall 2006, Dr. Guoliang Xue</p> <p><b>Introduction to Artificial Intelligence:</b> Considered established theories and latest developments in Artificial Intelligence; used LISP to implement AI techniques including search (eight puzzle game), game theory (tic-tac-toe), Bayesian networks and designed a horn logic reasoner (prolog) in LisP. Fall 2006, Dr. Subbarao Kambhampati</p> <p><b>Multimedia Information Systems:</b> Appraising current multimedia systems and their design, use and applications. Also covered are storage, retrieval, compression, acquisition and presentation of data from different media formats. Spring 2007, Dr. Hari Sundaram</p> <p><b>Information Retrieval, Mining &amp; Integration:</b> Examined traditional information retrieval and integration techniques with a relation to modern day web phenomena including vectorspace ranking, latent semantic indexing, social network and link analysis, clustering, classification and recommendation systems; all in the context of search engines and technologies like Google, PageRank, Authorities &amp; Hubs etc. Spring 2007, Dr. Subbarao Kambhampati</p> <p><b>Computer Systems Security:</b> Studied countermeasures to attacks to computer systems from miscreants and hackers; basic types of cryptography; and network security. Fall 2007, Dr. Partha Dasgupta</p>
<p><b>LANGUAGES</b></p>	<p><b>Spoken and Written</b></p> <ul style="list-style-type: none"> <li>• English</li> <li>• Hindi</li> <li>• Telugu</li> <li>• Tamil</li> </ul>
<p><b>ACTIVITIES</b></p>	<ul style="list-style-type: none"> <li>• <b>Volunteer Work:</b> I have been with Association for India's Development, a volunteer organization on campus that raises funds for development projects in India, for the past four years. During this time, we have organized various fundraising events like concerts, food stalls, merchandise sales and have contributed our time to working food stalls at the ASU football team's home games; all proceeds have gone to development projects in India.</li> <li>• <b>Writing:</b> I maintain an active blog that receives comments from around the world and is updated quite frequently. This blog gives me a chance to air my views and opine on issues that I feel strongly about to the rest of the world, and serves as a break from academic and professional work.</li> </ul>