

manikl@rpi.edu
<https://lmanikon.github.io/>

EXPERIENCE	<p>Assistant Professor, Fall 2019 – <i>Present</i> Lally School of Management, Rensselaer Polytechnic Institute, Troy, NY</p> <p>Teaching</p> <ul style="list-style-type: none"> • MGMT 6560-02 Introduction to Machine Learning Applications Fall 2019–<i>Present</i> <i>Avg instructor evaluation:</i> 4.40 • MGMT 6160-02 (MGMT 4963-02) Applied Analytics and Predictive Modeling Spring 2020 <i>Avg instructor evaluation:</i> 4.43 <p>Course Instructor – CSE 494/598 Information Retrieval, Spring 2016 Arizona State University, Tempe, AZ</p> <p>Research Intern, Summer 2016 IBM T. J. Watson Research Center, Yorktown Heights, NY</p> <p>Research Intern, Summer 2015 Microsoft Research, Redmond, WA</p> <p>Research Engineer, Summer 2012 Kyungpook National University, Daegu, South Korea</p> <p>Research Intern, January 2011 – December 2011 University of Minnesota, Twin Cities, MN</p> <p>Research Intern, Summer 2008 University of Sydney, Sydney, Australia</p> <p>Research Assistant</p> <ul style="list-style-type: none"> • Arizona State University, Tempe, AZ Fall 2013 – Summer 2019 • IIIT-Hyderabad, Hyderabad, India Fall 2008 – Fall 2010
EDUCATION	<p>Ph.D. Computer Science, 2019 Arizona State University, Tempe, Arizona Advisor: <i>Prof. Subbarao Kambhampati</i> (rakaposhi.eas.asu.edu)</p> <p>M.S. Computer Science and Engineering, 2012 International Institute of Information Technology, Hyderabad, India</p> <p>B.Tech (Hons) Computer Science and Engineering, 2009 International Institute of Information Technology, Hyderabad, India</p>
PUBLICATIONS	<p>[1] Brendan Cunha, Lydia Manikonda, “An RNN-based Classifier to detect Misinformation in News Articles”, <i>ICWSM Data Challenge: Safety</i>, 2020.</p> <p>[2] Lydia Manikonda, Shailesh Divey, “Reddit: A Novel Online Financial Consultancy”, <i>The AAAI-20 Workshop on Knowledge Discovery from Unstructured Data in Financial Services (KDF)</i>, 2020.</p> <p>[3] Niharika Jain, Lydia Manikonda, Alberto Olmo Hernandez, Sailik Sengupta, and Subbarao Kambhampati, “Imagining an Engineer: On GAN-Based Data Augmentation Perpetuating Biases”, <i>arXiv preprint arXiv:1811.03751</i>, 2018.</p> <p>[4] Lydia Manikonda, Subbarao Kambhampati, “Tweeting AI: Perceptions of Lay vs Expert Twitterati”, <i>The International Conference on Weblogs and Social Media (ICWSM)</i>, 2018.</p> <p>[5] Nur Kamarudin, Vineeth Rakesh, Ghazaleh Beigi, Lydia Manikonda, Huan Liu, “A Study of Reddit – Users Response to Rape”, <i>ASONAM</i>, 2018.</p>

- [6] **Lydia Manikonda**, Ghazaleh Beigi, Huan Liu, Subbarao Kambhampati, “#metoo through the Lens of Social Media”, *SBP-BRIMS*, 2018.
- [7] **Lydia Manikonda**, Aditya Deotale, Subbarao Kambhampati, “What’s up with Privacy?: User Preferences and Privacy Concerns in Intelligent Personal Assistants”, *AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society*, 2018.
- [8] **Lydia Manikonda**, Shirin Sohrabi, Biplav Srivastava, Kartik Talamadupula, Subbarao Kambhampati, “Extracting Incomplete Planning Action Models from Unstructured Social Media Data to Support Decision Making”, *Workshop on Knowledge Engineering for Planning and Scheduling, ICAPS*, 2017.
- [9] **Lydia Manikonda**, Tathagata Chakraborti, Kartik Talamadupula, Subbarao Kambhampati, “Herd- ing the Crowd: Using Automated Planning for Better Crowdsourced Planning,” *Human Computa- tion Journal* Vol 4, No 1 2017.
- [10] **Lydia Manikonda**, Munmun De Choudhury, “Modeling and Understanding Visual Attributes of Mental Health Disclosures in Social Media,” *ACM CHI Conference on Human Factors in Comput- ing Systems (CHI)*, 2017.
- [11] **Lydia Manikonda**, Tathagata Chakraborti, Kartik Talamadupula, Subbarao Kambhampati, “Herd- ing the Crowd: Using Automated Planning for Better Crowdsourced Planning,” *Human Computa- tion Journal*, 2017.
- [12] Ece Kamar, **Lydia Manikonda**, “Complementing the Execution of AI Systems with Human Com- putation” *AAAI Workshop on Crowdsourcing, Deep Learning and Artificial Intelligence Agents*, 2017.
- [13] **Lydia Manikonda**, Vamsi Meduri, Subbarao Kambhampati, “Tweeting the Mind and Instagram- ming the Heart: Exploring Differentiated Content Sharing on Social Media,” *The International Conference on Weblogs and Social Media (ICWSM)*, 2016.
- [14] **Lydia Manikonda**, Heather Pon-Barry, Subbarao Kambhampati, Eric Hekler, David W. McDonald, “Venting Weight: Analyzing the Discourse of an Online Weight Loss Forum,” *The 3rd International Workshop on the World Wide Web and Population Health Intelligence (AAAI-W3PHI)*, 2016.
- [15] **Lydia Manikonda**, Tathagata chakraborti, Sushovan De, Kartik Talamadupula, Subbarao Kamb- hampati, “AI-MIX: How a Planner Can Help Guide Humans Towards a Better Crowdsourced Plan,” *Conference on Human Computation & Crowdsourcing (HCOMP) WIP Track*, 2014.
- [16] Yuheng Hu, **Lydia Manikonda**, Subbarao Kambhampati, “What We Instagram: A First Analysis of Instagram Photo Content and Users,” *The International Conference on Weblogs and Social Media (ICWSM)*, 2014 [*Featured on Wired, abcnews*].
- [17] **Lydia Manikonda**, Usha Kumar, Shashi Shekhar, “A Facebook Application for Improving Disaster Management,” *Grace Hopper Conference for Women in Computing*, 2012.
- [18] Shashi Shekhar, KwangSoo Yang, Venkata M.V. Gunturi, **Lydia Manikonda**, Dev Oliver, Xun Zhou, Betsy George, Sangho Kim, Jeffrey M. R. Wolff, Qingsong Lu, “Experiences with Evacuation Route Planning Algorithms,” *International Journal of Geographical Information Science (IJGIS)*, 2012.
- [19] Ashish Garg, **Lydia Manikonda**, Shashank Kumar, Vikrant Krishna, Shyam Boriah, Michael Stein- bach, Vipin Kumar, Durga Toshniwal, Christopher Potter, Steven Klooster, “A Model-Free Time Series Segmentation Approach for Land Cover Change Detection,” *NASA Conference on Intelligent Data Understanding (CIDU)*, 2011.
- [20] **Lydia Manikonda**, Raghvendra Mall, Vikram Pudi, Raghunath Rao, “Mining Nutrition Survey Data,” *IEEE Symposium on Computational Intelligence and Data Mining*, Paris, France, April 2011.
- [21] **Lydia Manikonda**, Ashish Mangalampalli, Vikram Pudi, “UACI: Uncertain Associative Classifier for Object Class Identification,” *The 25th International Conference of Image and Vision Computing*, New Zealand, November 2010.

	[22] Lydia Manikonda , Annu Tuli, Vikram Pudi, “ProMax: A Profit Maximizing Recommendation System for Market Baskets,” <i>SIGAI Workshop on Emerging Research Trends in AI</i> , 2010.																
PATENTS	<p>[23] Lydia Manikonda, Shirin Sohrabi, Biplav Srivastava, Kartik Talamadupula, “Learning Personalized Actionable Domain Models” Pub.No: US 2018/0285770 A1, Pub.Date: Oct.4,2018.</p> <p>[24] Lydia Manikonda, Shirin Sohrabi, Biplav Srivastava, Kartik Talamadupula, Anton Riabov, Deepark Turaga, “Autonomous learning of actionable models from unstructured data” Pub.No: US 2018/0218270 A1, Pub.Date: Aug.2, 2018.</p>																
BOOK CHAPTERS	[25] Nur Shazwani Kamarudin, Ghazaleh Beigi, Lydia Manikonda , Huan Liu, “Social Media for Mental Health: Data, Methods, and Findings”, Open Source Intelligence and Cyber Crime (Social Media Analytics), 195-220, Springer Link, 1st ed. 2020.																
MEDIA MENTIONS	<ul style="list-style-type: none"> • Seeking a Moral Compass in the Digital Age (URL) • Discussing COVID-19 and Unemployment on Spectrum News (URL) • "Why Not Change the World?" RPI Podcast on Social Media and Artificial Intelligence (URL) • Twelve Christian Women in Science You Should Know (URL) by Christianity Today • AI and Machine Learning in the context of Privacy – State Press – Arizona State University (URL) • The Best of the Physics arXiv – MIT Technology Review (URL) • Article on AI expertise and Twitter – Network World (URL) • Write up on our Instagram research – ABC news (URL) • Article on our Instagram research – Wired (URL) 																
AWARDS	<ul style="list-style-type: none"> • Best reviewer award ICWSM 2019. • People’s Choice award for Best Demonstration, ICAPS 2014. • Recipient of Anita Borg Institute Scholarship 2015, 2011. • Full travel support to attend Doctoral Consortium at ICAPS-2014, HCOMP-2014. • Recipient of University Graduate Fellowship Award for Fall-2013, Spring-2014 and Summer-2014, Arizona State University. • Google-India Woman in Engineering Award 2011. • Listed in the Dean’s Merit List at IIIT-H for the academic performance in Fall-2007, Spring-2008. • Recipient of Special Mention Award-2009 from IIIT-H for organizing research activities from 2007-2009. 																
MENTORING	<table border="0"> <tr> <td>Junxiong Tang</td><td>Fall 2019–<i>Present</i></td></tr> <tr> <td>Graduate student, Rensselaer Polytechnic Institute, Troy, NY</td><td></td></tr> <tr> <td>Shailesh Divey</td><td>Fall 2019</td></tr> <tr> <td>Graduate student, Rensselaer Polytechnic Institute, Troy, NY</td><td></td></tr> <tr> <td>Aditya Deotale</td><td>Fall 2018–Spring 2020</td></tr> <tr> <td>Graduate Student, Arizona State University, Tempe, AZ</td><td></td></tr> <tr> <td>Cameron Dudley</td><td>Fall 2017–Spring 2018</td></tr> <tr> <td>Undergraduate Student, Arizona State University, Tempe, AZ</td><td></td></tr> </table>	Junxiong Tang	Fall 2019– <i>Present</i>	Graduate student, Rensselaer Polytechnic Institute, Troy, NY		Shailesh Divey	Fall 2019	Graduate student, Rensselaer Polytechnic Institute, Troy, NY		Aditya Deotale	Fall 2018–Spring 2020	Graduate Student, Arizona State University, Tempe, AZ		Cameron Dudley	Fall 2017–Spring 2018	Undergraduate Student, Arizona State University, Tempe, AZ	
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SKILLSET	<p>Programming Languages C, C++, JAVA, Python, Matlab, R</p> <p>Techniques MySQL, Javascript, HTML, PHP, WEKA, multiple deep learning Python packages</p>																
SERVICE	<p>Senior Program Committee member ICWSM</p> <p>Prpgram Committee member WebConf, NAACL-HLT, ACL, ASONAM, SDM, WebSci</p> <p>Journal Reviewer Transactions on the Web, Transactions on Social Computing</p> <p>Data Analyst for IJCAI 2016</p>																

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PROFESSIONAL **AIS, ACM, AAAI**
MEMBERSHIPS