

## Zhongjun Jin (Mark)

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CONTACT INFORMATION	4945 Bob and Betty Beyster Building 2260 Hayward Street Ann Arbor, MI 48109, USA	<i>Phone:</i> (765) 421-5014 <i>E-mail:</i> markjin@umich.edu, markjin1990@gmail.com <i>Website:</i> <a href="https://markjin1990.github.io/">https://markjin1990.github.io/</a>
RESEARCH INTERESTS	Data Wrangling/Integration/Extraction, Database Usability, Data Mining	
EDUCATION	<b>University of Michigan</b> , Ann Arbor, MI, USA	<b>Aug. 2014 - present</b>
	Ph.D. Candidate, Computer Science and Engineering	
	• Advisor: Prof. Michael Cafarella and Prof. H. V. Jagadish	
	<b>Purdue University</b> , West Lafayette, IN, USA	<b>Aug. 2011 - May 2014</b>
	B.S. in Computer Science, Mathematics, GPA 3.85	
	<b>Tianjin University</b> , Tianjin, China (Top 5 in Engineering)	<b>Aug. 2009 - Jul. 2011</b>
	Electronic Information Science	
RESEARCH EXPERIENCE	<b>University of Michigan</b> , Ann Arbor, MI, USA	<b>Jan. 2015 - Nov. 2016</b>
	Improving the Usability of Data Transformation Systems	
	<i>Supervised by Prof. Michael Cafarella and Prof. H. V. Jagadish</i>	
	• Developed a data transformation program synthesizer driven by user examples.	
	• Designed an A*-based program synthesis algorithm that is able to synthesize high-quality programs using very few examples.	
	<b>Purdue University</b> , West Lafayette, IN, USA	<b>Aug. 2013 - May 2014</b>
	Mobile Cloud Computing and Secure Data Sharing.	
	<i>Supervised by Prof. Bharat Bhargava</i>	
	• Designed and implemented applications for proof of concept and performed the experiments.	
CONFERENCE AND WORKSHOP PAPERS	<ol style="list-style-type: none"><li>1. Foofah: Data Transformation By Example. <b>Zhongjun Jin</b>, Michael R Anderson, Michael Cafarella, H. V. Jagadish. <i>Proceedings of the 2017 ACM SIGMOD International Conference on Management of Data</i> (SIGMOD 2017), Chicago, IL, 2017</li><li>2. Foofah: A Programming-By-Example System for Synthesizing Data Transformation Programs. (Demonstration Paper) <b>Zhongjun Jin</b>, Michael R Anderson, Michael Cafarella, H. V. Jagadish. <i>Proceedings of the 2017 ACM SIGMOD International Conference on Management of Data</i> (SIGMOD 2017), Chicago, IL, 2017</li><li>3. Privacy Preserving Access Control in Service-Oriented Architecture. Rohit Ranchal, Bharat K. Bhargava, Ruchith Fernando, Hui Lei, <b>Zhongjun Jin</b>. <i>IEEE International Conference on Web Services</i> (ICWS 2016), San Francisco, CA, 2016.</li><li>4. A Self-Cloning Agents Based Model for High-Performance Mobile-Cloud Computing. Pelin Angin, Bharat Bhargava, <b>Zhongjun Jin</b>. <i>Cloud Computing, 2015 IEEE 8th International Conference</i> (CLOUD 2015), New York, 2015.</li></ol>	

MISCELLANY	poster- Privacy Preserving Access Control in Service Oriented Architecture. Rohit Ranchal, Ruchith Fernando, <b>Zhongjun Jin</b> , Pelin Angin, Bharat Bhargava. <i>Proceedings of the 15th Annual Information Security Symposium.</i>	
SOFTWARE ENGINEERING EXPERIENCE	<b>Trifacta</b> , San Francisco, CA <i>Software Engineering Intern</i> Data Wrangling Core.	<b>May 2017 - Sep. 2017</b>
	<b>Qualcomm</b> , San Diego, CA <i>Software Engineering Intern</i> Integrated Functional Tests into ASIA Test Automation System Using Perl Scripting Language.	<b>May 2013 - Aug. 2013</b>
	<b>Delphi Electronics and Safety Lab</b> , West Lafayette, IN <i>Part-time Software Verification Engineer Intern</i> Created New Features for DOORS Standard Control System using DXL Scripting Language.	<b>May 2012 - May 2013</b>
HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• University of Michigan Departmental PhD Fellowship, 2014.</li> <li>• Outstanding Undergraduate Research Endeavor Award, Purdue Computer Science Dept, 2014</li> <li>• Purdue Computer Science Neel Memorial Scholarship, 2013</li> <li>• Purdue Computer Science Departmental Scholarship, 2012</li> </ul>	
REFERENCES	<div> <b>Michael Cafarella</b>  <i>Associate Professor</i>  University of Michigan  Department of CSE  2260 Hayward Street  Ann Arbor, MI-48109  mjc@umich.edu </div> <div> <b>H. V. Jagadish</b>  <i>Professor</i>  University of Michigan  Department of CSE  2260 Hayward Street  Ann Arbor, MI-48109  jag@umich.edu </div>	