Zhongjun Jin (Mark)

CONTACT INFORMATION	4945 Bob and Betty Beyster Building 2260 Hayward Street Ann Arbor, MI 48109, USA	*Phone:* (765) 421-5014 *E-mail:* markjin@umich.edu, markjin1990@gmail.com *Website:* `https://markjin1990.github.io/`

RESEARCH INTERESTS

Data Wrangling, Information Extraction, Data Integration, Database Usability, Data Mining

EDUCATION

University of Michigan, Ann Arbor, MI, USA   **Aug. 2014 - present**

Ph.D. Candidate, Computer Science and Engineering

- Advisor: Prof. Michael Cafarella and Prof. H. V. Jagadish

Purdue University, West Lafayette, IN, USA   **Aug. 2011 - May 2014**

B.S. in Computer Science, Mathematics, GPA 3.85

Tianjin University, Tianjin, China (Top 5 in Engineering)   **Aug. 2009 - Jul. 2011**

Electronic Information Science

RESEARCH EXPERIENCE

University of Michigan, Ann Arbor, MI, USA
Improving the Usability of Data Transformation Systems   **Jan. 2015 - Nov. 2016**
Supervised by Prof. Michael Cafarella and Prof. H. V. Jagadish

- 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.

Purdue University, West Lafayette, IN, USA
Mobile Cloud Computing and Secure Data Sharing.   **Aug. 2013 - May 2014**
Supervised by Prof. Bharat Bhargava

- Designed and implemented applications for proof of concept and performed the experiments.

CONFERENCE AND WORKSHOP PAPERS

1. Foofah: A Programming-By-Example System for Synthesizing Data Transformation Programs. (Under Review)
   Zhongjun Jin, Michael R Anderson, Michael Cafarella, H. V. Jagadish.

2. Foofah: Data Transformation By Example. (Under Review)
   Zhongjun Jin, Michael R Anderson, Michael Cafarella, H. V. Jagadish.

3. Privacy Preserving Access Control in Service-Oriented Architecture.
   Rohit Ranchal, Bharat K. Bhargava, Ruchith Fernando, Hui Lei, **Zhongjun Jin**.
   IEEE International Conference on Web Services (ICWS 2016), San Francisco, CA, 2016.

4. A Self-Cloning Agents Based Model for High-Performance Mobile-Cloud Computing.
   Pelin Angin, Bharat Bhargava, **Zhongjun Jin**.
   Cloud Computing, 2015 IEEE 8th International Conference (CLOUD 2015), New York, 2015.

MISCELLANY   poster- Privacy Preserving Access Control in Service Oriented Architecture.
                Rohit Ranchal, Ruchith Fernando, **Zhongjun Jin**, Pelin Angin, Bharat Bhargava.
                Proceedings of the 15th Annual Information Security Symposium.

SOFTWARE   **Qualcomm**, San Diego, CA   **May 2013 - Aug. 2013**
ENGINEERING   *Software Engineering Intern*
EXPERIENCE   Integrated Functional Tests into ASIA Test Automation System Using Perl Scripting Language.

                Delphi Electronics and Safety Lab, West Lafayette, IN   **May 2012 - May 2013**
                Part-time Software Verification Engineer Intern
                Created New Features for DOORS Standard Control System using DXL Scripting Language.

HONORS AND   • University of Michigan Departmental PhD Fellowship, 2014.
AWARDS   • Outstanding Undergraduate Research Endeavor Award, Purdue Computer Science Dept, 2014
                • Purdue Computer Science Neel Memorial Scholarship, 2013
                • Purdue Computer Science Departmental Scholarship, 2012

REFERENCES   **Michael Cafarella**   **H. V. Jagadish**
                Associate Professor   *Professor*
                University of Michigan   University of Michigan
                Department of CSE   Department of CSE
                2260 Hayward Street   2260 Hayward Street
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