

March, 2015

## Curriculum Vitae – Daniel Xiaodan Zhou

### CONTACT INFORMATION

Address: 620 Watersedge Dr, Ann Arbor, MI 48105, USA

Tel: (734) 926-9295      Email: [mrzhou@umich.edu](mailto:mrzhou@umich.edu)      URL: <http://michiza.com>

### EDUCATION

**2007~2013**                    **University of Michigan School of Information, Ann Arbor, USA**

**PhD in Information.** Research areas: recommender systems, machine learning, human computation, social media, online communities, and HCI.

Certificate program in Science, Technology and Public Policy.

**2006~2007**                    **University of Michigan School of Information, Ann Arbor, USA**

**MS in Information.** Specialized in Information Economics, Management and Policy

**1998~2002**                    **Shandong University Dept. Computer Science, Jinan, China**

**BE in Computer Science.**

### WORK EXPERIENCE

2011~now                    **Knowsun LLC**

*Founder and Principle Consultant.* Part-time consulting work focused on big data, machine learning, Python, Drupal CMS, and early stage startups. Built a content recommendation cloud service and a few startup webapps. Served clients: Datascope Analytics, LevelTen Interactive, BriskSale, and CrowdIdentify. More info: <http://knowsun.com>.

2013~2014                    **BalaLab LLC**

*Co-founder and CTO.* Built a university spin-off startup (<http://beta.views180.com>), which aimed to solve the problem of political polarization through a social game. Architected and developed the entire webapp using Drupal, AWS, and other open source technologies.

2012 Winter                    **NSF I-Corps Program**

*Entrepreneurial Lead.* Practiced the “customer discovery” process to find business model for university research commercialization.

2009, 2011 Summer        **Google Summer of Code Program**

*Open Source Developer* for Drupal CMS, integrating Drupal and Apache Mahout, built a recommendation engine for Drupal sites.

2004~2006                    **IBM China Software Development Lab, Beijing, China**

*Software Engineer.* Code development for IBM Enterprise Content Manager using Java EE, IBM DB2, and Oracle.

2002~2004                    **Freelance Consultant, China**

*Software Engineer.* Code development for the Founder Group Digital Media Platform using Java.

2002                            **Tsinghua University Dept. Computer Science, Beijing, China**

*Research Assistant.* Code development for digital library research projects using Java.

## **PUBLICATIONS**

- Zhou, D.X (2013). Liberal or Conservative: Evaluation and Classification with Distribution as Ground Truth. *PhD Dissertation*.
- Zhou, D. X., Resnick, P., & Mei, Q. (2011). Classifying the Political Leaning of News Articles and Users from Users Votes. *Proceedings of ICWSM 2011*.
- Lei Y.W., & Zhou, D. X. (2010). Legal Culture in the State media and on the Internet. *Law and Society Annual Conference. 2010*
- Zhou, D. X., & Resnick, P. (2009). Assessment of Conversation Co-mentions as a Resource for Software Module Recommendation. *ACM Recommender System Conf. 2009*.
- Munson, S., Zhou, D. X., & Resnick, P. (2009). Sidelines: An Algorithm for Increasing Diversity in Political News and Opinion Aggregation. *3rd Int'l AAAI Conf. on Weblogs and Social Media*.
- Munson, S., Zhou, D. X., & Resnick, P. (2009). Designing Interfaces for Presentation of Opinion Diversity. *ACM Computer Human Interaction Conf. 2009 Works-in-Progress*.
- Zhou, D. X., Oostendorp, N., Hess, M., & Resnick, P. (2008). Conversation Pivots and Double Pivots. *ACM Computer Human Interaction Conf. 2008*.

## **PROFESSIONAL SERVICES**

- Co-organizer of “Machine Learning: Data, Science and Industry” Ann Arbor meetup. 2015~present.
- Open source contributor to *Drupal* and *Apache Mahout* open source projects. 2007~present.
- Program committee for *ACM Recommender System Conf. 2009 ~ 2013*.
- Program committee for *ICWSM Conf. 2012*

## **AWARDS**

- 2013 Michigan Tech Transfer Talent Network Grant
- 2011 U of M Center for Entrepreneurship JumpStart Grant
- 2011 Ann Arbor SPARK Business Accelerator Grant
- 2011 U of M Zell Institute Dare To Dream Grant
- 2009 Yahoo! Students’ Choice Award (for overall performance in teaching SI502)
- 2006 U of M School of Information Merit-based Scholarship
- 2006 IBM China ECM Departmental Performance Award
- 2002 IBM Outstanding Chinese Student Scholarship

## **TECHNICAL SKILLS**

Full stack Python (django) and Drupal development, Java, Javascript (jQuery and Backbone), AWS, Amazon Mturk, statistics (Stata, Matlab, R), Apache Mahout, Apache Lucene, machine learning algorithms and open source libraries, recommender systems, Oracle certified DBA.

## **EXTRACURRICULUM ACTIVITIES**

- Web team lead for Unity Church Ann Arbor (2010~2012)
- Web team lead for U of M Chinese Students and Scholars Association (2008~2010)
- Volunteer of 2008 Obama presidential campaign (2008)
- Co-founder of the *Soul of China Society* and the *China News Club* (2007~2008)
- Served as a hospice volunteer for the Ann Arbor Hospice (2007~2008)