

## TINSLEY, TING CHEN

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### Education

- 1998.8-2002.7 *National University of Singapore* *B.Comp in Computer Sciences*  
First Class Honors GPA: 3.82
- 2002.7-2004.12 *National University of Singapore* *M.Sc in Computer Sciences*  
Thesis Title: View Processing for a Native XML DBMS  
Winner of Singapore Computer Society (SCS) best Master Thesis Award 2005
- 2005.8-2010 *University of Wisconsin, Madison* *PhD Student in Computer Sciences* current GPA: 3.85

### Experiences

- 2002.7-2003.12 *School of Computing, National University of Singapore* *Graduate Student*  
Built a XML storage engine prototype in Java; Designed and implemented efficient XML querying processing algorithms; Built a XPath parser in Java
- 2004.8-2005.6 *School of Computing, National University of Singapore* *Research Assistant*  
Worked for Prof. Roychoudhury in a project which focused on designing and evaluating Genetic Algorithms in Embedded Computer System
- 2006.5-2006.8 *Google Inc.* *Intern*  
Worked in Google's Ads Backend group to develop middle-ware to improve the efficiency and usability of Google's database server clusters
- 2007.5-2007.8 *IBM Almaden Research Center* *Intern*  
Designed and implemented novel indexing schemes for regular expression evaluation
- 2006.10-2007.12 *DBLife Research Group* *Research Assistant*  
Designed and Implemented the researcher citation subsystem of DBLife community information system prototype (dblfe.cs.wisc.edu) using perl; Helped to fix system bugs of the production DBLife server
- 2008.5-2008.8 *IBM Almaden Research Center* *Intern*  
Continued to design and implement novel indexing schemes for regular expression evaluation

### Publications

1. Jiansheng Huang, Ting Chen, AnHai Doan, Jeffrey F. Naughton: On the provenance of non-answers to queries over extracted data. VLDB 2008
2. Eric Chu, A. Baid, Ting Chen, Anhai Doan, Jeff Naughton: A Relational Approach to Incrementally Extracting and Querying Structure in Unstructured Data. VLDB 2007
3. Ting Chen, Jiaheng Lu, Tok Wang Ling: On Boosting Holism in XML Twig Pattern Matching using Structural Indexing Techniques. SIGMOD 2005
4. Jiaheng Lu, Tok Wang Ling, Chee Yong Chan, Ting Chen: From Region Encoding To Extended Dewey: On Efficient Processing of XML Twig Pattern Matching. VLDB 2005