

DAN XUE

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EDUCATION

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|---|---|----------|
| WAKE FOREST UNIVERSITY, Winston-Salem, NC, May 2012 | Master of Computer Science | |
| BEIJING JIAOTONG UNIVERSITY, Beijing, China, Sep 2008 – June 2010 | Master of Mathematics | GPA: 3.8 |
| BEIJING JIAOTONG UNIVERSITY, Beijing, China, Sep 2008 – June 2010 | Bachelor of Information and Computing Science | GPA: 3.3 |

WORK & PROJECT EXPERIENCE

Web Assistant, China National Information Center of Light Industry, Summer 2010

- Modified the website of CLII in pages of e-commerce and news information through HTML, CSS, SQL
- Designed publicity web pages for several exhibition by Photoshop

Teaching Assistant, one hundred plus students, Beijing Jiaotong University, Fall 2008-Spring 2009

Project: Study on Modeling and System Development for Evaluation Stipend Grade in University, 2009-2010

- Built mathematical model
- System Development by C# and SQL sever

Project: the Research of Systematic Framework of Contemporary Logistic Statistics, 2007

- Chapter contribution: Yanping Liu, Weidong Li, Logistics Statistics [B], Beijing Jiaotong University Press
 - **2nd Prize**, Outstanding Achievements in Statistic Science of Beijing
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AWARDS

2nd Prize, Interdisciplinary Contest in Modeling (ICM), USA, 2008

- Evaluated the Health Care System

2nd Prize, Interdisciplinary Contest in Modeling (ICM), USA, 2007

- Analyzed Kidney Transplant System and Optimized the Effectiveness of Organ Allocation

1st Prize As advisor, National Undergraduate Mathematical Contest in Modeling (MCM) of Beijing, 2008

1st Prize, National Undergraduate Mathematical Contest in Modeling (MCM) of China, 2007

- Application of the Dijkstra Algorithm with the Optimal Path Selection of Traffic Systems

2nd Prize, National Undergraduate Mathematical Contest in Modeling (MCM) of Beijing, 2006

- Optimization Scheme of the Distribution of Book Numbers of Press

1st Prize, Mathematical Contest in Modeling (MCM) of BJTU, 2006

- Evaluation of the Rationality to Formulate Mahjong Tiles Value
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PUBLICATIONS

Y. Li, E. D. Peterson, H. Huang, M. Wang, **D. Xue**, W. Y. Nie, W. Zhou, and D. L. Carroll, Tube-Based Geometries for Organic Photovoltaics, *Applied Physics Letters*, accepted for publication, 2010.

XUE Dan, Cao Peng, Wang Bing-tuan Application of certification model for comprehensive evaluation of family economic condition, *Computer Engineering and Application*,45(09):35-36, 2009

Y. Li, W. Zhou, **D. Xue**, J. Liu, E. Peterson, W. Nie, D. Carroll, Origins of Performance in Fiber-Based Organic Photovoltaics. *Appl. Phys. Lett*, 95, 203503, 2009

Wang Bing-tuan, **XUE Dan**, New kind of certification model of comprehensive evaluation of family economic condition, *Computer Engineering and Application*,45(09):33-34, 2009

D. Xue, Q.L. Zhao, X.Y. Guo, TOPSIS Method for Evaluating Customer Service Satisfaction in Fast Food Industry (*Accepted by the 2008 IEEE International Conference on Service Operations and Logistics, and Informatics*), 2008

LEADERSHIP & ACTIVITIES

Vice-President, Student Union, School of Science Beijing Jiaotong University, Fall 2006 – Fall 2007

Founder, Mathematical Modeling Association of Beijing Jiaotong University, Spring 2007

Customer service, Volunteer, Beijing Olympic Games & Paralympic Games, Aug 2008 – Oct 2008

COMPUTER SKILLS

- C#, ASP.Net, HTML, CSS, JavaScript.
- C/C++, Matlab, Mathematica
- Familiar with the Linux environment
- Dreamweaver, Photoshop.



Computer Science Department
at Wake Forest University