**Education**

**Wake Forest University, Winston Salem, NC, U.S.A**

Master of Arts and Sciences in Mathematics (Candidate), GPA: 3.779 09/2011- Present

Master of Arts and Sciences in Computer Science (intended) *09/2013-05/2014*

* Focus：Statistics and Discrete Mathematical Simulations, Programming

**Wuhan University, Wuhan, Hubei Province, China**

Bachelor of Science in Applied Mathematics, GPA: 3.520 09/2007- 08/2011

* Focus：Mathematical Models and Optimization, Statistics, Financial Mathematics

**Skills**

* Programming: C++/C, Matlab, SQL(Oracle), PHP/HTML, Lingo, R, SAS, DOS and Batch File
* Documentation: Latex, Tableau, Microsoft Office
* Operating System: Linux, Windows/XP/7

**Working & Research Experience**

**Clinic Data Analyst Internship Winston Salem, NC, U.S.A**

Biomedical Engineering Department, Wake Forest Baptist Medical Center 05/2012-08/2012

* Help build the data warehouse (I2B2) at WFBMC, work with Dr. Yaorong Ge.
* Analyze the characterization of 750 million clinic data by Oracle SQL Developer and Tableau.
* Visualize the results by Tableau and present them to project directors and group members

**Research Assistant in Statistics and Discrete Mathematics Field Winston Salem, NC, U.S.A**

Department of Mathematics, Wake Forest University 11/2011-12/2012

* Simulation on ants’ random walking based on pheromone for cyber network security by Matlab, Sponsored by PNNL (Pacific Northwest National Laboratory), Instructed by Dr. Kenneth S. Berenhaut, Dr. Errin Fulp
* Present methods and results to scientists from PNNL and ANL (Argonne National Laboratory)

**Teaching Experience Winston Salem, NC, U.S.A**

Department of Mathematics, Department of Computer Science, Wake Forest University 09/2011-12/2012

* Teaching Assistant for CS101 Introduction to Computer Science, 2012Fall
* Tutor in the Math Center of Wake Forest University
* Grader for Calculus I and II, Applied Multivariable Mathematics, Mathematical Models

**Undergraduate Research Projects Wuhan, Hubei Province, China**

School of Mathematics and Statistics, Wuhan University 06/2009-09/2010

* Artificial intelligence algorithms and their applications in pattern recognition, Instructed by Dr. Xuming Yi
* Research of linear regression in finance and marking, Instructed by Dr. Aijiao Deng

**Awards and Honors**

* Member of Pi Mu Epsilon, the mathematical honor society 04/2012
* Honorable Mention for Mathematical Contest in Modeling (**MCM**) 04/2010
* Second prize in Hubei Province for China Undergraduate Mathematical Contest in Modeling (**CUMCM**) 10/2010
* Second prize in Huazhong District (contains nine provinces in the south China) Mathematical Contest in Modeling 05/2009
* Second Prize Scholarship (top 5 in 42) 10/2010
* Third Prize Scholarship (top 10 in 42) 10/2009