**Education**

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

Master of Sciences in Computer Science, Full scholarship, GPA: 3.890 08/2013 - 05/2014

Master of Arts in Mathematics, Full scholarship, GPA: 3.815 08/2011 - 08/2013

* Focus：Statistics and Discrete Mathematical Models, Data Mining and Algorithms

**Wuhan University Wuhan, Hubei Province, P.R. China**

Bachelor of Science in Applied Mathematics, GPA: 3.520 09/2007 - 06/2011

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

**Skills**

* Programming: SQL, Matlab, Python Java, C/C++, MapReduce, R, SAS, VB
* Documentation: Tableau, Vim, Latex, Microsoft Office
* Platforms: Oracle Server database, Unix/Linux, Hadoop, Windows

**Experience**

**Medical Informatics Analyst Internship, Wake Forest Baptist Medical Center** 05/2013 - 08/2013

* Automated inference of patient problems from structured data, generating SQL queries to target the data.
* ICD9 codes classification and clustering for the database warehouse (I2B2) at WFBMC

**Data Analyst Internship, Wake Forest Baptist Medical Center** 05/2012 - 08/2012

* Participated in building the database warehouse (I2B2) at WFBMC, worked with Dr. Yaorong Ge
* Inventory analysis on more than 810 million clinic data using Oracle SQL Developer
* Visualized the results in Tableau and delivered reports to hospital leaders and project directors

**Research** **Assistant in Statistics Field, Wake Forest University** 11/2011 - 08/2013

* Research on digital ants’ random walk based on pheromone for cyber security, sponsored by PNNL (Pacific Northwest National Laboratory), Instructed by Dr. Kenneth S. Berenhaut, Dr. Errin Fulp
* A thesis addressing random walks on different one-dimensional grids is finished and passed, to be published

**Leadership**, **President of WFU CSSA (Chinese Students and Scholars Association)** 09/2013 - Present

* Lead CSSA to better serve as a bridge between the Chinese community and other communities
* Spread Chinese culture, organize celebration events like Moon Festival and Chinese Spring Festival

**Recent Projects**

**Mining in Tweets**, Python & SQL, Linux/Virtual Machine

* Employed Twython API to target interested data on Twitter and saved to local database
* Analyzed and visualized the results, generated reports and gave presentations

**Dstress Android App**, Java, Eclipse ADT

* Used Scrum methodology and agile development, worked with communication students in this project
* Helped monitor diabetes patients’ various indicators , like blood glucose and stress level e.t.c
* Linear regression model to predict the trend of patients’ indicators

**Music Player**, Java, Eclipse

* Supported multithread tasks, dealing with real-time user input commands

**Awards and Honors**

* Member of Upsilon Pi Epsilon (UPE), the first and only International Honor 04/2014 – Present

Society for the Computing and Information Disciplines

* Member of Pi Mu Epsilon (PME), the U.S. honorary national mathematics society 04/2012 – Present
* Honorable Mention for COMAP Mathematical Contest in Modeling (**MCM**) 04/2010