EDUCATION

Rice University, Houston, Texas | Dec, 2014
Master of Science, Statistics | Cumulative GPA: 3.70
- Expected Coursework: Advanced Statistical Method, Financial Time Series, Data Analysis &Machine Learning
- GRE: Quantitative: 800/800, Verbal: 720/800

University of Illinois at Urbana Champaign, Urbana, Illinois | May, 2012
Bachelor of Science, Natural Resource & Environmental Sciences | Major GPA: 3.50
- Coursework: Applied Statistical Methods, Natural Resource Economics, GIS in Natural Resource Management
- SAT: Math: 800/800, Writing: 590/800, Verbal: 620/800

Experience & Course

Rice University, Houston, TX | Fall, 2013
Quantitative Financial Analytics
- Conducted extensive research and analysis on financial statements available in SEC filings such as 10-K, 10-Q
- Devised and compared various portfolio selection strategies through fundamental analysis with 30 years historical data from WRDS, with the best strategy outperforming the benchmark by 50 percent based on CAGR.

Rice University, Houston, TX | Summer, 2013
Research Assistant
- Prepared and analyzed population census data using SAS, R and Excel and performed Poisson Regression analyses on the prevalence rate of Hepatitis C with respect to age, sex, ethnicity and liver cancer incidents rate.
- Conducted hypothesis testing on heavy metal pollution data gathered in Houston Ship Channel and presented findings to the City of Houston Environmental Council

Ministry of Environment, Satellite Environment Center, Beijing, China | Summer, 2012
GIS Data Analyst
- Utilized ArcGIS and Excel to analyze geographical data and created individual maps and reports using both ground census data and satellite image data over the past 4 years on the 335 National Nature Reserves
- Maintained and updated Natural Nature Reserve database information for improved accuracy and efficiency using SQL and Excel
- Assisted with the translation of the book "The State of the Nations Ecosystems, 2008" into Chinese, which contained over 400,000 words.

Course Hero, Champaign, IL | Summer, 2011
Campus Ambassador
- Oversaw a campaign that resulted in over 1,100 uploads to the Course Hero study platform and a donation of 110 Books for Africa through the Course Hero's Knowledge Drive movement.
- Leveraged viral marketing and social media to facilitate significant increases in active user traffic, and initiated and established partnership with on-campus organization and professors.
- Earned the Course Hero Honor Roll during the month of October for outstanding performance and highest number of books donated.

Skills, Activities & Interests

Technical Skills: ArcGIS, Bloomberg, JMP, Matlab, Python, R, SAS, SQL

Language: Fluent in Mandarin & English

Activities/interests: Swimming, Cooking, Video Gaming, Poker