# 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