# Nan Xiao

Ph.D. Candidate in Statistics

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## Education

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| 2012 – 2015 | Ph.D. Candidate (Statistics), Central South University, Changsha, Hunan, China. |
| 2008 – 2012 | B.Sc. (Statistics), Central South University, Changsha, Hunan, China. |
| 2005 – 2008 | High-School Student, Harbin No.13 Middle School, Harbin, Heilongjiang, China. |

## Professional skills

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| Statistics | • Statistical machine learning methods   • High-dimensional variable selection methods |
| | • Statistical computing and simulation   • Statistical graphics and data visualization |
| Programming | • Expertise in R language programming   • Web application developement with R/Shiny |
| | • Good knowledge of MS Office, Python, MATLAB, SQL, and Linux shell programming |

## Publications

### Book translations

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|---|---|
| 2014 | Winston Chang (2014). *R Graphics Cookbook*. (**Nan Xiao**, Yi-Shuo Deng, Tai-Yun Wei, & Yi-Xuan Qiu, Trans.). Posts and Telecom Press (Original work published in 2013). |
| 2013 | Hadley Wickham (2013). *ggplot2: Elegant Graphics for Data Analysis*. (Tai-Yun Wei, Yi-Xuan Qiu, **Nan Xiao**, Tao Gao, & Wei-Cheng Zhu, Trans.). Xi'an Jiaotong University Press (Original work published in 2010). |
| 2013 | Robert Kabacoff (2013). *R in Action: Data Analysis and Graphics with R*. (Tao Gao, **Nan Xiao**, & Gang Chen, Trans.). Posts and Telecom Press (Original work published in 2011). |

### Honors and awards

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| 2013 | National scholarship for graduate students (5%). |
| | Highest award the government established for graduate students in China. |
| 2013 | Outstanding graduate student award (5%). Central South University, Changsha, China. |
| 2011 | 1st Prize (top 5%) in Hunan Contest District in China Undergraduate Mathematical Contest in Modeling (CUMCM). With *Guan-Chun Liu* and *Tian-Yu Zhao*. |
| 2010 | Meritorious award (2nd in 1,000+) of Central China Undergraduate Mathematical Contest in Modeling (CCUMCM). With *Tao Gao* and *Chen-Xi Guo*. |

### Volunteering services

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| 2014 | **Organizing Committee Member.** *The 7th China R Conference (Beijing).* *http://china-r.org* |
| 2013 | **Co-Organizer.** *The 6th China R Conference (Beijing)* |
| 2010 – | **Editor.** *Capital of Statistics, http://cos.name.* Largest online community on statistics in China. |
| 2009 | **Volunteer.** *The 2nd China R Conference (Beijing, Shanghai)* |