

# Yiqun ZHAO

Address: 65 Beacon Street, Unit 203, Somerville, MA 02143 - Tel: 857-919-9554 - Email: willa.yiqun.zhao@gmail.com

## EDUCATION

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<b>Harvard University - MA in Statistics</b> - GPA: <b>3.71</b> , Cambridge, MA	09/2012-01/2014
<ul style="list-style-type: none"><li>• <b>Commencement Marshal</b> (8 out of around 1000), Harvard GSAS</li></ul>	
<b>Hong Kong University of Science and Technology (HKUST)</b> - GPA: <b>3.60</b> , Hong Kong	09/2008-06/2012
<ul style="list-style-type: none"><li>• <b>BSc in Mathematics</b> - Statistics Option with <b>First Class Honors</b></li><li>• <b>Valedictorian</b> for 2012 Congregation, <b>7<sup>th</sup> Epsilon Award to Top Math Students</b>, Dean's Lists, Lee Hysan Foundation Exchange Scholarship, University Scholarships</li></ul>	
<b>Swiss Federal Institute of Technology Zurich (ETH Zurich)</b> - Exchange Student, Switzerland	02/2011-08/2011

## WORK EXPERIENCE

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<b>Support Analyst, Informatics, PerkinElmer, Inc.</b>	Since 04/2015
<ul style="list-style-type: none"><li>• Provide customer support to solve statistical issues with Tibco Spotfire</li><li>• Focused on Tibco Spotfire Statistics Services, Spotfire predictive modeling tools, TERR, S+, and IronPython API</li></ul>	
<b>Data Scientist, OnCorps, Inc.</b>	05/2013-04/2015
<ul style="list-style-type: none"><li>• Developed business intelligence platform by integrating R Shiny framework with existing company platform</li><li>• Developed algorithms to provide real-time analysis, customized charts, personal diagnostics, and automation services</li><li>• Built predictive models to improve customers' sales performances using sabermetrics</li><li>• Offered business analytics solutions and data products to customers in consulting industry</li><li>• Conducted researches including investor sentiments, social networks, etc.</li></ul>	
<b>Consulting Analyst and General Manager Assistant, ExceTrust Consulting LTD.</b>	06/2012-07/2012
<ul style="list-style-type: none"><li>• Team leader of the Research Project on Young International Students</li><li>• Designed questionnaire, collected data, conducted market research, and wrote final report</li></ul>	

## RESEARCH EXPERIENCE

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<b>Research Assistant, Harvard Business School, Supervisor: Prof. Vineet Kumar</b>	06/2013-08/2013
<ul style="list-style-type: none"><li>• Conducted research on longitudinal social network models using simulated data</li><li>• Evaluated exponential random graph models, Markov random fields, and MCMC sampling techniques</li></ul>	
<b>Data Enhancement and Anomaly Detection in Storm Wind Fields, Risk Management Solutions Ltd</b>	02/2013-05/2013
<ul style="list-style-type: none"><li>• Used Kalman Filter and Gaussian Process to analyze more than 300 wind stations in the US</li><li>• Quantified the reliability of wind speed and wind direction data and impute missing values</li></ul>	
<b>Application of Cluster Analysis for Dimensionality Analysis, Supervisor: Prof. Man-Yu Wong</b>	09/2011-05/2012
<ul style="list-style-type: none"><li>• Proposed statistical methods to detect dimensionality of educational tests</li><li>• Performed simulations using R</li></ul>	
<b>Economics and Social Implications of Search Engine Optimization, Supervisor: Prof. Raymond Sin</b>	09/2010-12/2010
<ul style="list-style-type: none"><li>• Analyzed Google PageRank</li><li>• Built strategies for companies to improve their visibility on search engine result page</li></ul>	

## LEADERSHIP ACTIVITIES

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<b>Vice President, Executive Board, Harvard Graduate Consulting Club</b>	02/2014-08/2014
<ul style="list-style-type: none"><li>• Organized 2014 Harvard-MIT case competition</li></ul>	
<b>Social Affairs Fellow, Harvard China Students and Scholars Association</b>	05/2013-05/2014
<ul style="list-style-type: none"><li>• Organized Mid-Autumn Festival Gala, Spring Festival Gala, and other social events</li></ul>	
<b>Student Representative for Hong Kong University Grant Committee Annual Meeting</b>	09/2011
<ul style="list-style-type: none"><li>• Discussed important territories education issues in Hong Kong representing HKUST</li></ul>	
<b>Language Immersion by Residence Abroad in South Africa</b>	01/2010
<ul style="list-style-type: none"><li>• Culture exposure, exchange with French students, and English learning in Cape Town</li></ul>	
<b>17th Executive Committee, Hong Kong Award for Young People</b>	03/2009-07/2010
<ul style="list-style-type: none"><li>• Vice President of the Joint University Residential Project Trip at Guilin</li><li>• Designed schedule, recruited participants, contacted agencies, and found sponsorships</li></ul>	

## SKILLS, LANGUAGES, AND INTERESTS

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Proficient in **R**; Good knowledge of **SAS** and **Python**; Basic knowledge of **SQL** and **C++**

Fluent in **English** and **Cantonese**; Native in **Mandarin Chinese**

**Swimming**: 1<sup>st</sup> Runner-up, **HKUST**; **Basketball**: team member, **HKUST**; **Flute**: 3<sup>rd</sup> prize in district competition, **Beijing**