

Xiaorui (Jeremy) Zhu

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EDUCATION

Ph.D.	Business Analytics	University of Cincinnati	2016-2021
M.Sc.	Finance	The Pennsylvania State University	2014-2015
	<ul style="list-style-type: none">Passed CFA Level I examHonors: CFA Scholarship, Chancellor's Scholarship at Penn State		
M.Sc.	Applied Statistics	Beijing University of Technology	2012-2014.
	<ul style="list-style-type: none">Honors: Excellent Thesis of University		
B.S.	Statistics	Capital University of Economics and Business	2007-2011.
	<ul style="list-style-type: none">Honors: First level National Encouragement scholarship, Outstanding volunteer of Beijing Olympic Game, Excellent Students Awards		

PUBLICATION

- "Stimulating Creativity in Online Learning Environments through Intelligent Fast Failure" (with KW Jablokow, JV Matson, Akshay Kakde), 2016 ASEE Annual Conference.
- "Exploring the Diversity of Creative Prototyping Performance and Perceptions in a MOOC Environment" (with KW Jablokow, JV Matson, Akshay Kakde), Submitted.
- "Adaptive Quasi-Maximum Likelihood Estimation of GARCH model with Student's t Likelihood" (with L., Xie), *Communication in Statistics: Theory and Methods*, 45(20), 6102-6111.

REXPERIENCE

Research Assistant <i>University of Cincinnati, Carl. Lindner College of Business</i> <i>Supervisor: Dr. Michael Fry</i>	10/2016-Present
Data Analyst(Research Assistant) <i>The Pennsylvania State University, PA</i> <ul style="list-style-type: none">Extracted raw data from database, cleaned variables by text mining in RCombined students performance data with their demographical informationAnalyzed data of about 1,955 students and worked out relationship between creativity and failureUsed SPSS to calculate statistical results such as correlation, p-value, t statistics or F statisticsWrote over 50 R functions to analyze text, fitted logistic regression models to find students' behavior patterns	12/2014-12/2015
Research Assistant <i>Supervisor: Professor Li Xie</i> <ul style="list-style-type: none">Worked with advisor to improve the estimation of complicated time-series GARCH modelFor GARCH model with heavy-tailed innovation, we proposed a new adaptive procedure that works well by simulation comparisonOur method is applied in 6 daily stock market returns(S&P500, FTSE, NASDAQ, CAC40, DAX and HSI)	11/2012-11/2013
Statistician <i>IMS Health Inc., Beijing</i> <ul style="list-style-type: none">Applied statistical design and methodologies to meet marketing needs of clients (Pfizer, Merck, J&J etc.)Conducted time-series models and logistic models to derive conclusions from USA marketing dataWrote over 100 SAS programs for over 25 short-term or long-term projects to fit models and forecastWorked with consultants to obtain statistical results and provided analytical reports to clients	06/2011-03/2012

SKILLS

- Skilled in:** R, SAS, SPSS, @Risk, eVal
- Others:** Python, Matlab, SQL, L^AT_EX, Eviews

ADDITIONAL INFORMATION

Vice-President/Fundraiser/Director of Liaison Department <i>Student Union, the Capital University of Economy and Business</i> <ul style="list-style-type: none">Conducted and led campus meeting to plan events, manage fund and connect with companiesCollectively raised over \$5000 dollars through "Exhibition of students' paintings"- Independently raised \$1750	07/2009-07/2010
Volunteer <i>2008 Beijing Olympic Games</i> <ul style="list-style-type: none">Supervised 22 volunteers during the 2008 Olympic Games and organized team activitiesLed volunteers team to translate for athletes, guide and help them to attend games on time	06/2008-10/2008