

Xiaorui (Jeremy) Zhu

<http://www.linkedin.com/in/JeremyChu89/>

zhuxr@mail.uc.edu

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		

RESEARCH

Publications:

- "Stimulating Creativity in Online Learning Environments through Intelligent Fast Failure" (with KW Jablowski, JV Matson, Akshay Kakde), 2016 ASEE Annual Conference.
- Zhu, X., & Xie, L. (2016). "Adaptive Quasi-Maximum Likelihood Estimation of GARCH model with Student's t Likelihood." *Communication in Statistics: Theory and Methods*, 45(20), 6102-6111.

Working Papers:

- "Exploring the Diversity of Creative Prototyping Performance and Perceptions in a MOOC Environment" (with KW Jablowski, JV Matson, Akshay Kakde), Submitted.
- "High-dimensional Simultaneous Confidence Tube with Selection by Partitioning the Solution Paths", with Yichen Qin, Peng Wang.

Research In Progress:

- "Robust Estimation with Cell-Wise Contamination", with Yichen Qin.
- "Additive Logistic Model with Stochastic Macroeconomic Covariates for Corporate Bankruptcy Prediction", with Yan Yu, Shaonan Tian.
- "What drives Bankruptcy and Other Failures? An Analysis with Variable Selection", with Yan Yu, Shaonan Tian.

PRESENTATIONS

-
- "What drives Bankruptcy and Other Failures? An Analysis with Variable Selection", INFORMS Annual Meeting, Data Science Workshop (Peer-Reviewed), Phoenix, AZ, November 2018.
 - "Additive Logistic Model with Stochastic Macroeconomic Covariates for Corporate Bankruptcy Prediction". The Joint Statistical Meetings (JSM), Baltimore, MD, August 2017.
 - "Amplify Creativity in Big Data Era: Relationship between creativity and failure". The 7th International Forum on Statistics, Beijing, China, 2016.

TEACHING

Independent Instructor:

- BANA 2082 - Business Analytics II (Credit Hours: 3)**
 - Spring 2018 Class size: 36;
 - Fall 2018 Class size: 33.

Teaching Assistant:

- Statistical Modeling, Statistics Method (I & II), Business Analytics (I & II), Data Mining (I & II).

WORKING EXPERIENCE

Analyst(Research Assistant) <i>The Pennsylvania State University, PA</i>	12/2014-12/2015
Research Assistant <i>Supervisor: Professor Li Xie</i>	11/2012-11/2013
Statistician <i>IMS Health Inc., Beijing</i>	06/2011-03/2012

SERVICES

President <i>BearStats Student Statistics Club, ASA Student Chapter at University of Cincinnati</i>	
- President	04/2018 - Present
- Vice President	08/2017 - 04/2018
Treasure <i>The Lindner Graduate Students Association (LGSA), University of Cincinnati</i>	
- Treasure	04/2017 - 04/2018
Vice-President/Fundraiser/Director of Liaison Department <i>Student Union, the Capital University of Economy and Business</i>	07/2009-07/2010
<ul style="list-style-type: none"> Conducted and led campus meeting to plan events, manage fund and connect with companies Collectively raised over \$5000 dollars through "Exhibition of students' paintings"- Independently raised \$1750 	
Volunteer <i>2008 Beijing Olympic Games</i>	06/2008-10/2008
<ul style="list-style-type: none"> Worked with 22 volunteers as a team during the 2008 Olympic Games Led volunteers team to translate for athletes, guide and help them to attend games on time 	

PROFESSIONAL MEMBERSHIP

The American Statistical Association (ASA)
The Institute of Mathematical Statistics (IMS)
The Institute for Operations Research and the Management Sciences (INFORMS)