Taikgun Song

Iowa State University, Department of Statistics

Contact

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Programming

R, Python, SAS
Matlab, Fortran
JavaScript, SQL
CSS3 & HTML5

Type setting

LaTeX

Content Management

Git

Research Interest

Business Analytics, Big Data, Text Analytics, Topic Modeling, Data Visualization, Web Scraping, Record Linkage, Statistical Learning, Bayesian Statistics

Education

2014–	Graduate Student, Department of Statistics Specialization in text mining	Iowa State University, Ames
2010–2012	Graduate Student, Department of Mathematics	Indiana University, Bloomington
2007–2010	Bachelor of Science in Mathematics	Indiana University, Bloomington
2007–2010	Bachelor of Art in Chemistry	Indiana University, Bloomington

Teaching Experience

2015 –	Instructor Department of Statistics STAT104 Instructor STAT226 Instructor	Iowa State University
2014 – 2014	Graduate Teaching Assistant Department of Statistics STAT104 Grader STAT101 Lab Instructor	Iowa State University
2011 – 2012	Graduate Teaching Assistant Department of Mathematics Conduct recitation for the following classes: M303-Linear Algebra, M120, D117, M119-Business Calculus	Indiana University
2009 – 2010	UGI (Undergraduate Intern) Department of Mathematics Undergraduate Assistant Instructor for MATH-M118, MATH-M119.	Indiana University
2008 – 2009	UGG (UnderGraduate Grader) Department of Mathematics Grader for MATH M025, MT101, and MATH-J112.	Indiana University

Research Experience

2016 –	Creative Component	Iowa State University
	Dr. Hofmann, Department of Statistics	
	Short text processing with online user-generated reviews	
	Construct Emoji data set for web-based text	
2007 – 2008	IU STARS Program - Chemistry research intern	Indiana University
	Professor Baik Group, Department of Chemistry	
	A computational chemistry research focused on the behavior of M-(NHC) bond (NHC=N-Heterocyclic Carbene)	

Contributed Talks and Presentation

2016	Contributed Poster	Joint Statistical Meeting, Chicago
	Song, T.*, Im, J., Lee, Y., Kim, J.	
	A Translation Approach for Unstructured Online Reviews	
2015	Contributed Presentation	Joint Statistical Meeting, Seattle
	Song, T.*, Cho, S., Jeon, H.	
	Album Recommendation System Based on Random Forest Method and Mixed Effect Model	

Service and Leadership

2017	Midwest Big Data Summer School	Iowa State University
	Participated as an assistant for Dr. Hofmann during her lecture session.	
2012 – 2014	Military Experience	KATUASA, ROKA
	KATUSA–Korean Augmentation ot the US Army	
	Headquarters and Headquarters Company,	
	1st Armored Brigade Combat Team,	
	2nd Infantry Division,	
	U.S. Army	
2012 – 2014	Good Neighbor Program	KATUASA, ROKA
	Civil Military Operation – Teach English to the local community	
2008 – 2010	IU Math Club	Indiana University
2008 – 2012	Office of International Services	Indiana University
	Volunteered as a staff member of the OIS to help the in-processing of new international students at IU.	

Awards and Honors

2013 – 2014 Senior KATUSA   KATUASA, ROKA
Brigade Senior KATUSA position of the 1st Armored Brigade Combat Team, 2ID, US Army

2014 Certificate of Appreciation 1st ABCT, 2ID, US Army
Awarded for the contribution to the 1st Armored Brigade Combat Team as a combat translator.

2010 Undergraduate Intern Award   Department of Mathematics, Indiana University
Awarded to the top undergraduate instructor.

2009 Volunteer of the Year   OIS, Indiana University
Awarded to the outstanding volunteer student who participated during the international student orientation week.