

TaikgunSong

Iowa State University, Department of Statistics

Contact

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Programming

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

Type setting

L^AT_EX

Content Management

Git

Research Interest

Business Analytics, Big Data, Test Mining, 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

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

Contributed Talks and Presentation

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

Service and Leadership

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

Awards and Honors

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| 2013 – 2014 | Senior KATUSA
Brigade Senior KATUSA position of the 1 st Armored Brigade Combat Team, 2ID, US Army | KATUASA, ROKA |
| 2014 | Certificate of Appreciation
Awarded for the contribution to the 1 st Armored Brigade Combat Team as a combat translator. | 1 st ABCT, 2ID, US Army |
| 2010 | Undergraduate Intern Award
Awarded to the top undergraduate instructor. | Department of Mathematics, Indiana University |
| 2009 | Volunteer of the Year
Awarded to the outstanding volunteer student who participated during the international student orientation week. | OIS, Indiana University |