

Jaehyuk Park

CONTACT INFORMATION	Informatics East 400 919 E 10th Street Bloomington IN 47408	Email: jp70@iu.edu Website: www.parkjaehyuk.com
EDUCATION	School of Informatics, Computing, and Engineering, Indiana University, Bloomington, USA <i>Ph.D Candidate in Informatics, Complex System track</i> from September 2014 <ul style="list-style-type: none">Advisor: Yong-Yeol Ahn Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea <i>M.S in Graduate School of Culture Technology</i> <ul style="list-style-type: none">Advisor: Meeyoung Cha, Wonjae Lee August 2012 Yonsei University, Seoul, South Korea <i>B.A. in Economics</i> February 2010	
RESEARCH INTERESTS	Labor Flow Network Analysis Effect of Artificial Intelligence & Machine Learning on Labor Market Predictive Modeling on Cultural Market	
PROFESSIONAL EXPERIENCE	Research Intern , Core Data Science Team at FacebookApril 2019 - Present Visiting Scholar , Kellogg School of Management, Northwestern UniversityMay 2019 - Present Visiting Scholar , Institute for Pure & Applied Mathematics, University of California, Los AngelesMarch 2016 - May 2016 Research Intern , Korea Institute of Science and Technology (KIST), Seoul, South KoreaJune 2013 - June 2014	
PUBLICATIONS	Jaehyuk Park , Ian B. Wood, Elise Jing, Azadeh Nematzadeh, Souvik Ghosh, Michael D. Conover, and Yong-Yeol Ahn. <i>Global labor flow network reveals the hierarchical organization and dynamics of geo-industrial clusters</i> . <i>Nature Communications</i> , 2019. Jaehyuk Park , Giovanni Luca Ciampaglia, and Emilio Ferrara. <i>Style in the Age of Instagram: Predicting Success within the Fashion Industry using Social Media</i> . <i>Computer-Supported Cooperative Work and Social Computing (CSCW)</i> , 2016. Jaehyuk Park , Beunguk Ahn, Rohjoon Myung, Kyuree Lim, Wonjae Lee, and Meeyoung Cha. Revolution 2.0 in Tunisia and Egypt: Reactions and sentiments in the online world. <i>Proc. of the International AAAI Conference on Weblogs and Social Media (ICWSM)</i> , 2011. Jaehyuk Park , Minki Kim, and Meeyoung Cha. An Inconvenient Truth: Where you live decides how you are treated online. In <i>Proc. of Workshop on Information in Network (WIN)</i> , 2012. Abbas Ali Butt, Jaehyuk Park , Yong-Moo Kwon. Collecting and Grouping of Distributed and Heterogeneous SNS Contents for Collaborative Storytelling. In <i>Proc. of Asia Pacific Advanced Network (APAN) Network Research Workshop</i> , 2013. (<i>Best Student Paper</i>)	

WORKING PAPERS **Jaehyuk Park**, Lijun Sun, and Hyejin Youn. Industrial Topics in Urban Labor System, In preparation

Kangsan Lee*, **Jaehyuk Park***, and Yong-Yeol Ahn. Valuing Art: Professional vs. Algorithm (* Contributed Equally), In preparation

Jaehyuk Park, Fabio Rojas, and Yong-Yeol Ahn. Is Hiphop “Visualizin’ The Realism of Life in Acutuality”?, In preparation

Jaehyuk Park, Meeyoung Cha, Yong-Yeol Ahn, and Minki Kim. An Inconvenient Truth: Where you live decides how you are treated online, In preparation

TEACHING	Associate Instructor , I211 - Information Infrastructure 2	Spring 2019
EXPERIENCE	Associate Instructor , I590 - Data Visualization	Fall 2018
	Associate Instructor , I210 - Information Infrastructure	Fall 2015, Spring 2016
	Associate Instructor , I590 (I400) - Mining The Social Web	Spring 2015
	Teaching Assistant , GCT661 - Network Media	Fall 2010

IN THE PRESS **List of Selected Media Coverage**

1. **Global labor flow network reveals the hierarchical organization and dynamics of geo-industrial clusters (Nature Communications, 2019)**

- EurekAlert by the American Association for the Advancement of Science (AAAS) - [Researchers create first-ever 'map' of global labor flow](#)
- Phys.org - [Researchers map global economy in collaboration with LinkedIn](#)
- Indiana University Blog - [IU researchers map global economy in collaboration with LinkedIn](#)

2. **Style in the Age of Instagram: Predicting Success within the Fashion Industry using Social Media (CSCW, 2016)**

- CBS - [Who will be America's next top model? Ask Instagram](#)
- MIT Technology Review - [Machine Learning Algorithm Predicts Which New Faces Will Make It as Fashion Models](#)
- Communications Of The ACM - [Machine Learning Selects World's Next Top Models](#)
- Vogue - [The Science Of A Supermodel](#)
- New York Magazine - [Can You Scientifically Predict a Model's Success?](#)
- Wall Street Hedge - [Scientists Can Predict America's Next Top Model](#)

PATENT	US Patent 9,384,513	July 2016
	Apparatus for Collecting Contents using Social Relation Character and Method Thereof	

TALK	Three Oral Presentations, International Conference of Computaional Social Science (IC2S2), July 2019
	Oral Presentation, NetSci 2019, May 2019
	Oral Presentation, The fifth annual conference in the series on Network Science and Economics, April 2019
	Poster Presentation, 35th Annual NABE Economic Policy Conference, February 2019
	Oral Presentation, Conference on Complex Systems (CCS'17), September 2017
	Poster Presentation, NetSci 2017, September 2017
	Oral Presentation, The 19th ACM conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2016), February 2016
	Oral Presentation, 2011 Workshop on Information in Networks (WIN), September 2011
	Poster Presentation, Fifth International AAAI Conference on Weblogs and Social Media (ICWSM), July 2011