Park, Jaehyuk

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EDUCATION

School of Informatics, Computing, and Engineering, Indiana University, Bloomington, USA
Ph.D Candidate in Informatics, Complex System track   from September 2014
- Advisor: Yong-Yeol Ahn

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea
M.S in Graduate School of Culture Technology
- Advisor: Meeyoung Cha, Wonjae Lee   August 2012

Yonsei University, Seoul, South Korea
B.A. in Economics   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 Facebook   April 2019 - Present
Visiting Scholar, Kellogg School of Management, Northwestern University   May 2019 - Present
Research Intern, Korea Institute of Science and Technology (KIST), Seoul, South Korea   June 2013 - June 2014

PUBLICATIONS

Jaehyuk Park, Ian B. Wood, Elise Jing, Azadeh Nematzadeh, Souvik Ghosh, Michael D. Conover, and Yong-Yeol Ahn. Global labor flow network reveals the hierarchical organization and dynamics of geo-industrial clusters. *Nature Communications*, 2019.

Jaehyuk Park, Giovanni Luca Ciampaglia, and Emilio Ferrara. Style in the Age of Instagram: Predicting Success within the Fashion Industry using Social Media. *Computer-Supported Cooperative Work and Social Computing (CSCW)*, 2016.

(This research is covered by multiple media including *MIT Technology Review*, *ACM Tech News*, and *CBS News*)

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.*Proc. of the International AAAI Conference on Weblogs and Social Media (ICWSM)*, 2011.

Jaehyuk Park, Minki Kim, and Meeyoung Cha. An Inconvenient Truth: Where you live decides how you are treated online. In *Proc. of Workshop on Information in Network (WIN)*, 2012.

Abbas Ali Butt, **Jaehyuk Park**, Yong-Moo Kwon. Collecting and Grouping of Distributed and Heterogeneous SNS Contents for Collaborative Storytelling. In *Proc. of Asia Pacific Advanced Network (APAN) Network Research Workshop*, 2013. (*Best Student Paper*)

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

<table>
<tr><td>TEACHING
EXPERIENCE</td><td>**Teaching Assistant**, GCT661 - Network Media</td><td>Fall 2010</td></tr>
<tr><td></td><td>**Associate Instructor**, I590 (I400) - Mining The Social Web</td><td>Spring 2015</td></tr>
<tr><td></td><td>**Associate Instructor**, I210 - Information Infrastructure</td><td>Fall 2015, Spring 2016</td></tr>
<tr><td></td><td>**Associate Instructor**, I590 - Data Visualization</td><td>Fall 2018</td></tr>
<tr><td></td><td>**Associate Instructor**, I211 - Information Infrastructure 2</td><td>Spring 2019</td></tr>
<tr><td>PATENT</td><td>**US Patent 9,384,513**
Apparatus for Collecting Contents using Social Relation Character and Method Thereof</td><td>July 2016</td></tr>
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