

# Hyung Wook Choi

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## RESEARCH INTEREST

### Human Computer Interaction

- Designing Customized Information Retrieval System, Visualization of Data-driven Network, Using Tehcnology to Support People's Everyday Life

### Open Science, Open Data

- Open Data Usage in Public Section, Open Access Journal, Open Access Journal Digital Standard, Metrics in Open Science Environment

## SKILLS

### Programming Skill

- Python
  - Certified by Coursera course [Python for Everybody Specialization](#) provided by University of Michigan
- Web Development Language
  - HTML, CSS, Javascript

### Visualization Program

- NodeXL
  - Visualization of co-author and keyword network

## EDUCATION

### Drexel University, PA, USA

- M.S. in Information Systems Sep 2019 – Aug 2021
  - Web Systems Architecture
  - Software Development
  - Database Management Systems
  - Human-Computer Interaction

### Ewha Womans University, Seoul, Republic of Korea

- M.A. in Library and Information Science Sep 2015 – Aug 2017
  - Dissertation: An Investigation on Data-Driven Sociology
  - Adviser: Dr. EunKyung Chung
  - Focus: Data Citation Index, Data Visualization, Network Analysis, Scholarly Network
- B.S. in Library and Information Science Mar 2011 – Aug 2015
  - Acquisition of certification for 2nd Formal Librarian
- B.S. in International Office Administration
  - Double Major

### IESEG School of Management, Paris-La Défense, France

- International Summer Academy Jul 2012 – Aug 2012
  - International Human Resources Management
  - International Business Law
  - Market Research Survey

## PUBLICATIONS

### JOURNALS

- [1] [In Process] Couri VanDam, Bum Chul Kwon, Stephanie Chiuve, [Hyung Wook Choi](#), Paul Entler, Shelia Cotton, Pang-Ning Tan, Jina Huh-Yoo "Improving Heart Disease Risk Through Quality-Focused Diet Logging: Pre-post Study of a Diet Quality Tracking App," *Plos One*.
- [2] [In Process] Ye-Jin Choi, [Hyung Wook Choi](#), Soon Kim, "Compliance of "Principles of transparency and best practice in scholarly publishing" in Korean academic society published journals," *Science Editing*.
- [3] [Hyung Wook Choi](#), Ye-Jin Choi, Soon Kim, "Compliance of "Principles of transparency and best practice in scholarly publishing" in academic society published journals," *Science Editing*, 6(2), 112-121, Aug 2019. [SCOPUS]

- [4] Hyung Wook Choi, Ye Jin Choi, and Soon Kim, "Network analysis of scientific collaboration in North Korea," *Science Editing*, 6(1), 25-34, Feb 2019. [SCOPUS]
- [5] Soon Kim, Hyung Wook Choi, "Status of digital standards, licensing types, and archiving policies in Asian open access journals registered in Directory of Open Access Journals," *Science Editing*, 6(1), 41-46, Feb 2019. [SCOPUS]
- [6] Soon Kim, Hyung Wook Choi, Nayon Kim, EunKyung Chung, and Jae Yun Lee, "Comparative analysis of manuscript management systems for scholarly publishing," *Science Editing*, 5(2), 124-134, Aug 2018. [SCOPUS]
- [7] Hyung Wook Choi, Ye-Jin Choi, and So-Yeon Nam, "Time Series Analysis of Intellectual Structure and Research Trend Changes in the Field of Library and Information Science: 2003 to 2017," *Journal of the Korean Society for Information Management*, 35(2), 89-114, Jun 2018. [KCI, Accredited by National Research Foundation of Korea]
- [8] Hyung Wook Choi, EunKyung Chung, "An Investigation on Characteristics and Intellectual Structure of Sociology by Analyzing Cited Data," *Journal of the Korean Society for Information Management*, 34(3), 109-124, Sep 2017. [KCI, Accredited by National Research Foundation of Korea]

#### CONFERENCES

- [1] Hyung Wook Choi, "An Analysis of Characteristics of Interdisciplinary Journals by Examining Co-Author Network," in *Proceedings of the 23th Conference of Korean Society for Information Management*, pp. 23-27, Aug 2016.

#### POSTER

- [1] Hyung Wook Choi, "A Case Study on the Public Big Data Production and Distribution Status in the US," *Proceedings of the 24th Conference of Korean Society for Information Management*, Aug 2017.
- [2] Hyung Wook Choi, "A Study on the Characteristics of Sociology Using Data Citation Index," *Workshop on Network Big Data Analysis for Information Management*, Feb 2017.

#### RESEARCH EXPERIENCE

##### Metrics Development for Research Data Use

- Research Assistant, Ewha Womans University May 2018 – Oct 2018
  - Supervisor: Prof. EunKyung Chung
  - Funding Institution: Korea Institute of Science and Technology Information (KISTI)
  - Complete enumeration research on data citation standard and examples
  - Participated on developing a new metrics to include citation and usage of shared research data
  - Collected and analyzed the status of research data usage from discrete journals

##### An Approach on Promoting Big Data Uses with National Library of Korea

- Research Assistant, Ewha Womans University Jun 2017 – Sep 2017
  - Supervisor: Prof. EunKyung Chung
  - Funding Institution: Korea Institute of Science and Technology Information (KISTI) & ARGONET Co.
  - Conducted comprehensive analysis on distribution and utilization status of public open data in Europe and Singapore
  - Assisted on deriving the role of the National Library to facilitate the use of Big Data

##### Development of Global Scholarly Communication Platform and Online Journal Publishing System

- Research Assistant, Ewha Womans University Jun 2017 – Sep 2017
  - Supervisor: Prof. Jae-Yun Lee & Prof. EunKyung Chung
  - Funding Institution: National Research Foundation of Korea
  - Researched current status of online journal publishing platforms to suggest a paragon for Korean companies
  - Conducted comprehensive analysis on platforms of Elsevier, Editorial Manager, and ScholarOne

##### Public Library Specialization Service Plan through Library Big Data Analysis

- Research Assistant, Ewha Womans University Jun 2016 – Sep 2016
  - Supervisor: Prof. EunKyung Chung
  - Funding Institution: Korea Institute of Science and Technology Information
  - Collected book checking out data from public library in Seoul
  - Analyzed on user group data, user book checking out pattern, and specialization service proposal by region

#### AWARDS & SCHOLARSHIPS

- Research Assistant Scholarship Sep 2016 – Dec 2016  
For assisting Prof. EunKyung Chung for class and project research

	<ul style="list-style-type: none"> <li>▪ <b>Koo Ja-Young Scholarship</b> For assisting the department by managing the budget</li> </ul>	Mar 2016 – Aug 2016
	<ul style="list-style-type: none"> <li>▪ <b>Department Assistant Scholarship</b> For assisting the department comprehensively</li> </ul>	Sep 2015 – Dec 2015
	<ul style="list-style-type: none"> <li>▪ <b>Social Science Scholarship</b> For serving as an Student IT Assistant</li> </ul>	Mar 2013 – Aug 2013
	<ul style="list-style-type: none"> <li>▪ <b>Ewha Serving-Truth Scholarship</b> For serving as an Ewha Weekly Newspaper Senior Journalist</li> </ul>	Sep 2012 – Dec 2012
	<ul style="list-style-type: none"> <li>▪ <b>Ewha Serving-Goodness Scholarship</b> For serving as an Ewha Weekly Newspaper Junior Journalist</li> </ul>	Mar 2012 – Aug 2012
<b>PROFESSIONAL AFFILIATIONS &amp; ACTIVITIES</b>	<p><b>National Library for Children and Young Library Internship,</b> Seoul, Republic of Korea</p> <ul style="list-style-type: none"> <li>▪ Department of Information Service <ul style="list-style-type: none"> <li>• Assisted on library program planning and operating</li> <li>• Conducted research on information service planning</li> </ul> </li> </ul>	Jul 2014 – Aug 2014
	<p><b>Korea Institute of Science and Technology Information (KISTI) Internship,</b> Daejeon, Republic of Korea</p> <ul style="list-style-type: none"> <li>▪ Department of Computer Intelligence Research <ul style="list-style-type: none"> <li>• Conducted research on Linked Open Data (LOD) and the platform</li> <li>• Conducted research on usage of LOD in overseas and analyzed the characteristics of the system</li> </ul> </li> </ul>	Dec 2013 – Feb 2014
<b>CAMPUS ACTIVITIES</b>	<p><b>Ewha Writing-Intensive School,</b> Ewha Womans University</p> <ul style="list-style-type: none"> <li>▪ Completed the 4 week Ewha Writing-Intensive School <ul style="list-style-type: none"> <li>• Wrote an academic paper under the supervision by Prof. Hodges</li> </ul> </li> </ul>	Jun 2015 – Jul 2015
	<p><b>Ewha Creative Academy,</b> Ewha Womans University</p> <ul style="list-style-type: none"> <li>▪ Completed 'English for Business Interaction' course <ul style="list-style-type: none"> <li>• Took the course for academic and business purpose English</li> </ul> </li> </ul>	Mar 2014 – Jun 2014
	<p><b>Ewha Weekly Newspaper,</b> Ewha Womans University</p> <ul style="list-style-type: none"> <li>▪ Senior Journalist <ul style="list-style-type: none"> <li>• Mainly worked as photojournalist</li> <li>• Also contributed articles and editorial cartoons</li> <li>• Supervised junior and intern reporters in the photography division</li> <li>• Supervised the editing process of the newspaper overall</li> </ul> </li> </ul>	Sep 2011 – Aug 2013
<b>LANGUAGES</b>	<ul style="list-style-type: none"> <li>▪ Korean: Native language</li> <li>▪ English: Fluent (speaking, reading, writing, listening) <ul style="list-style-type: none"> <li>• GRE: V 157, Q 164, W 3.5</li> <li>• TOEFL: R 28, L 29, S 22, W 24</li> </ul> </li> <li>▪ French: Basic &amp; Learning <ul style="list-style-type: none"> <li>• DELF A1</li> </ul> </li> </ul>	