

Hyung Wook Choi

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RESEARCH INTEREST

Information System

- System Development, Web Development, Data-driven Informatics, Information Visualization, Network Analysis

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 Language

- HTML, CSS, Javascript, Python, Java

Visualization Program

- NodeXL
 - Visualization of co-author and keyword network

EDUCATION

Drexel University, PA, USA

- M.S. in Information Systems Sep 2019 – Aug 2021
 - Specifics: Web development, System development, Health informatics, Human-Computer Interaction

Ewha Womans University, Seoul, Republic of Korea

- M.A. in Library and Information Science Sep 2015 – Aug 2017
 - Thesis: An Investigation on Data-Driven Sociology
 - Adviser: Prof. 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] 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]
- [2] 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]
- [3] 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]
- [4] 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]
- [5] 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]

- [6] 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
 - Institute: 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
 - Institute: 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
 - Institute: 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
 - Institute: 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
- Koo Ja-Young Scholarship Mar 2016 – Aug 2016
For assisting the department by managing the budget
- Department Assistant Scholarship Sep 2015 – Dec 2015
For assisting the department comprehensively
- Social Science Scholarship Mar 2013 – Aug 2013
For serving as an Student IT Assistant
- Ewha Serving-Truth Scholarship Sep 2012 – Dec 2012
For serving as an Ewha Weekly Newspaper Senior Journalist
- Ewha Serving-Goodness Scholarship Mar 2012 – Aug 2012
For serving as an Ewha Weekly Newspaper Junior Journalist

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