

Jina Kim

CONTACT INFORMATION

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RESEARCH INTERESTS

Human-Computer Interaction, Artificial Intelligence, Natural Language Processing,
Computational Social Science

EDUCATION

Carnegie Mellon University, Pittsburgh, USA Jan 2020 - Jul 2020
Visiting Scholar in [Language Technologies Institute](#)
Project Course Mentor: [Jeffrey Gennari](#)

Sungkyunkwan University, Seoul, Republic of Korea Mar 2019 - Present
M. Sc. in Interaction Science
Advisor: [Professor Eunil Park](#)

Hansung University, Seoul, Republic of Korea Mar 2015 - Feb 2019
B. S. in [Computer Engineering](#)
Advisors: [Professor Kitae Hwang](#) and [Professor Jung Inhwon](#)

PUBLICATIONS

International Journals

- [1] A deep learning model for detecting mental illness from user content on social media.
Kim, J., Lee, J., Park, E., & Han, J. (2020).
Scientific Reports, 10, 11846 (SCIE, JCR 2019 IF=3.998, Q1 in *Multidisciplinary Sciences*). [Dataset]
- [2] Can AI be a content creator? Effects of content creators and information delivery methods on the psychology of content consumers.
Kim, J., Shin, S., Bae, K., Oh, S., Park, E. & del Pobil, A. P. (accepted).
Telematics and Informatics (SSCI, JCR 2019 IF=4.139, Q1 in *Information Science & Library Science*).
- [3] Who will be your next customer: A machine learning approach to customer return visits in airline services.
Hwang, S., **Kim, J.**, Park, E., & Kwon, S. J. (2020).
Journal of Business Research, 121, 121-126 (SSCI, JCR 2019 IF=4.874, Q1 in *Business*).
- [4] Cross-cultural Comparison of Interactive Streaming Services: Evidence from Twitch.
Oh, S., **Kim, J.**, Ji, H., Park, E., Han, J., Ko, M., & Lee, M. (accepted).
Telematics and Informatics (SSCI, JCR 2019 IF=4.139, Q1 in *Information Science & Library Science*).
- [5] Determinants of customer satisfaction with airline services: An analysis of customer feedback big data.
Park, E., Jang, Y., **Kim, J.**, Jeong N. J., Bae, K., & del Pobil, A. P. (2019).
Journal of Retailing and Consumer Services, 51, 186-190, ISSN: 0969-6989 (SSCI, JCR 2018 IF=3.585, Q2 in *Business*).
- [6] Beyond coolness: Predicting the technology adoption of interactive wearable devices.
Kim, J., & Park, E. (2019).
Journal of Retailing and Consumer Services, 49, 114-119, ISSN: 0969-6989 (SSCI, JCR 2018 IF=3.585, Q2 in *Business*).

International Conference Proceedings

- [1] Who will Subscribe to My Streaming Channel?: The Case of Twitch.
Kim, J., Bae, K., Park, E., & del Pobil, A. P. (2019).
In Conference Companion Publication of the 2019 on Computer Supported Cooperative Work and Social Computing (pp. 247-251). ACM.

Domestic Publications

- [1] An MQTT based Real Time LBS System Design for Vehicles and Pedestrians.
Choi, W., **Kim, J.**, Sim, H., Kim, Y., Jung, I., Lee, J., & Kim, N. (2018).
2018 Korea Computer Conference, 413-415. (Korean: MQTT 기반 실시간 자동차 및 보행자 위치 기반 서비스 시스템 설계, 한국정보과학회 학술발표논문집)
- [2] Implementation of Multi-Streaming System of Live Video of Drone.
Hwang, K., **Kim, J.**, Choi, Y., Kim, J., Kim, H., & Jung, I. (2018).
The Journal of the Institute of Internet, Broadcasting and Communication, 18(1), 143-149. (Korean: 드론 라이브 영상의 다중 스트리밍 시스템 구현, 한국인터넷방송통신학회 논문지)

WORK EXPERIENCE

Electronics and Telecommunications Research Institute (ETRI) Jun 2018 - Aug 2018
Summer Intern, Mentor: Donghun Lee

TEACHING EXPERIENCE

Sungkyunkwan University, Seoul, Republic of Korea
Head Teaching Assistant, Undergraduate Course Fall 2020
- AAI3020: Capstone Design Project for Artificial Intelligence

Teaching Assistant, Undergraduate Course Fall 2019
- AAI2007: Introduction to Algorithms (*in English*)

Tutor, Undergraduate Tutoring Program Spring 2019

Hansung University, Seoul, Republic of Korea
Tutor, Undergraduate Tutoring Program Spring 2018, Fall 2017, Spring 2017, Spring 2016

RESEARCH PROJECTS

Current Projects

- [1] Research Associate (in Charge), Developing a Deep Learning Model for Detecting High-Risk Mental Health Group, The Individual Research Grants Program, the National Research Foundation of Korea (NRF). (Jul 2020 – Present)
- [2] Research Associate, Designing an Analysis Model on Abnormal Statements in Thermal Pipelines Monitoring Procedures, The Commissioned Research, Korea Institute of Civil Engineering and Building Technology (KICT). (Jul 2020 – Present)
- [3] Research Associate, User-customized Deep Learning Model for Recommending Heterogeneous Services, The Individual Research Grants Program, NRF. (Jul 2020 – Present)

Past Projects

- [1] Research Associate, Interaction Science for Developing Global Human-Informatics Leaders focusing on UI/UX, BK21 Plus Program, NRF. (Mar 2019 – Dec 2019, Apr 2020 – Aug 2020)
- [2] Research Associate (in Charge), Developing a Deep Learning Model for Predicting Service Reuse, The Individual Research Grants Program, NRF. (Mar 2019 – Dec 2019)
- [3] Research Associate, Theorizing and analyzing user resistance behavior: an application of big data approaches, Samsung Research Grants Program, Samsung and Sungkyunkwan University. (Jul 2019 – Dec 2019)

	<p>[4] Research Associate, Big Data Research for Artificial Intelligence Applications, Electronics and Telecommunications Research Institute (ETRI). (Jun 2019 – Nov 2019)</p> <p>[5] Research Associate, Exploring public attitude toward various energy sources: An approach of social media big data, The Individual Research Grants Program, NRF. (Mar 2019 – Sep 2019)</p> <p>[6] Research Associate, Development of the Appliance with Messaging Technology underlying Hyper-Connected Society, The Commissioned Research, Seoul Business Agency. (Nov 2017 - Oct 2018)</p>	
SCHOLARSHIPS, HONORS & AWARDS	<p>Best Research Award (1st Prize) College of Computing, Sungkyunkwan University</p> <p>Full Scholarship for Intensive Artificial Intelligence Program in CMU Institute for Information and Communications Technology Promotion (IITP) under the Ministry of Science and ICT</p> <p>SKKU Graduate Scholarship Sungkyunkwan University</p> <p>Hansung Graduation Achievement Award Hansung University</p> <p>Dean's List Department of Computer Engineering, Hansung University</p> <p>1st Prize in 2018 Capstone Design Department of Computer Engineering, Hansung University - Project Title: An MQTT based Real Time LBS System Design for Vehicles and Pedestrians - (Korean: 대상, 2018 캡스톤 디자인 발표회, 컴퓨터공학부 한성대학교, 제목: MQTT 프로토콜을 활용한 실시간 위치 기반 메시징 솔루션)</p> <p>2nd Prize in 15th Embedded Software Contest Electronics and Telecommunications Research Institute (ETRI) - Project Title: Drone Streaming Solution Using Raspberry PI 3 - (Korean: 우수상, 제 15회 임베디드 소프트웨어 경진대회, 한국전자통신연구원, 제목: 라즈베리파이를 이용한 드론 비디오 스트리밍 솔루션)</p>	<p>Mar 2020</p> <p>Jan 2020</p> <p>2019 - 2020</p> <p>Feb 2019</p> <p>Fall 2017, Fall 2018</p> <p>Jun 2018</p> <p>Dec 2017</p>
ACADEMIC SERVICES	<p>Student Volunteer - ICML 2020</p>	
SKILLS	<p>Programming Language: Python, C, C++, Java, Javascript</p>	
REFERENCES	<p>Eunil Park, Ph. D. (e-mail: eunilpark@skku.edu; phone: +82-2-740-1864) - <i>Assistant Professor</i>, Department of Interaction Science & Department of Applied Artificial Intelligence, Sungkyunkwan University</p> <p>Kitae Hwang, Ph. D. (e-mail: calafk@hansung.ac.kr; phone: +82-2-760-4300) - <i>Professor</i>, Department of Computer Engineering, Hansung University</p>	
LAST UPDATE	September 7, 2020	