Kiroong Choe

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EDUCATION

Seoul National University,
Ph.D., Computer Science and Engineering
2020 – 2026, Seoul, Korea

Seoul National University,
M. Science, Computer Science and Engineering   CGPA: 4.18/4.3
2018 – 2020, Seoul, Korea

Seoul National University,
B. Science, Computer Science and Engineering   CGPA: 4.19/4.3
2013 – 2017, Seoul, Korea

Seoul National University,
B. Arts, Psychology (Double Major)   CGPA: 4.0/4.3
2013 – 2017, Seoul, Korea

AWARDS AND HONORS

Ph.D. Scholarship, Korea Foundation for Advanced Studies (KFAS)   2020

Excellent Degree Paper Award, Dept. of CSE, Seoul National University   2018

8th Place, ACM-ICPC Regional Contest, Daejeon   2016

7th Place, ACM-ICPC Regional Contest, Daejeon   2015

Undergraduate Scholarship, Kwanjeong Educational Foundation   2014

PUBLICATIONS

Enhancing Data Literacy On-demand: LLMs as Guides for Novices in Chart Interpretation
IEEE TVCG, 2024
K. Choe, C. Lee, S. Lee, A. Cho, N. W. Kim, J. Seo

Supporting novice researchers to write literature review using language models
ACM CHI, 2024
K. Choe, S. Park, S. Jung, H. Kim, J. W. Yang, H. Hong, J. Seo

Fields, Bridges, and Foundations: How Researchers Browse Citation Network Visualizations
IEEE VIS, 2024
K. Choe, E. Kim, S. Park, J. Seo

Asking questions matters: comparing the effect of learning through dialogue with peers, ChatGPT, and intelligent tutoring system
Interactive Learning Environments, 2025
J. W. Yang, **K. Choe**, J. Lim, J. Park

Effects of Fetal Images Produced in Virtual Reality on Maternal-Fetal Attachment: Randomized Controlled Trial
Journal of Medical Internet Research, 2023
K. Lee, H. Kim, **K. Choe**, A. Cho, B. Kim, J. Seo, W. Myung, J. Park, K. Oh

Use of Continuous Infusion of Nicardipine to Control Persistent Postpar-

tum Hypertension: A Retrospective Study
Medicine, 2022 (Co-first author)
M. Kim*, **K. Choe***, D. Jeong, K. Lee, I. Cho, H. Kim, J. Park

MoNetExplorer: A Visual Analytics System for Analyzing Dynamic Networks with Temporal Network Motifs
IEEE TVCG, 2024
S. Jung, D. Shin, H. Jeon, **K. Choe**, J. Seo

Beyond Tools: Understanding How Heavy Users Integrate LLMs into Everyday Tasks and Decision-Making
ACM CHI Workshop, 2025
E. Kim, **K. Choe**, M. Yoo, S. S. Chowdhury, J. Seo

Towards Interactive Chess Textbooks: Utilizing Human-Crafted Strategic Knowledge
ACM CHI Workshop, 2025
K. Choe, S. Lee, S. Jung, J. Seo

Papers101: Supporting the discovery process in the literature review workflow for novice researchers
IEEE PacificVis, 2021
K. Choe, S. Jung, S. Park, H. Hong, J. Seo

SoundGlance: Briefing the Glanceable Cues of Web Pages for Screen Reader Users
ACM CHI, 2019 (Co-first author)
J. Song*, **K. Choe***, J. Jo, J. Seo

Compatible 2D Table Navigation System for Visually Impaired Users
ACM ISS, 2019
K. Choe, J. Seo

A Mixed-Initiative Approach to Extract Data from Pictures of Medical Invoice
IEEE PacificVis, 2021
S. Jung, **K. Choe**, S. Park, H. Ko, Y. Kim, J. Seo

Interactive Visualization for Exploring Information Fragments in Software Repositories
IEEE PacificVis, 2021
Y. Kim, H. Jeon, **K. Choe**, H. Song, B. Kim, J. Seo

Association between Cesarean Section Rate and Maternal Age in Twin Pregnancies
Journal of Perinatal Medicine, 2022
S. Kim, E. Song, Y. Park, A. Cho, **K. Choe**, H. Kim, J. Park, B. Kim, K. Oh