

DAEHEON JEONG

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INTERESTS

Human-AI Interaction, User Experience, Visualization, Accessibility.

EDUCATION

KAIST, Yuseong-gu, Daejeon, Republic of Korea Sep 2024 – Present
M.S. in Artificial Intelligence

Sogang University, Seodaemun-gu, Seoul, Republic of Korea Mar 2020 – Feb 2024
B.A. in Economics (Summa Cum Laude, Top 1.04%)
Summer School at Harvard University, Cambridge, MA, USA Jun 2022 – Aug 2022

RESEARCH EXPERIENCE

KIXLAB, School of Computing, KAIST Dec 2023 – Present
Student Researcher
Advisors: Prof. Juho Kim, Prof. Dae Hyun Kim

Lifestyle Media Group, Art & Technology, Sogang University Jan 2022 – Feb 2024
Student Researcher
Advisor: Prof. Yongsoon Choi

Naver Labs, Naver Corporation Jun 2023 – Dec 2023
Undergraduate Intern
Advisors: Prof. Giseop Kim, Dr. Sunwook Choi

PUBLICATIONS

Conference Papers

[C1] **PlanTogether: Facilitating AI Application Planning Using Information Graphs and Large Language Models**
Dae Hyun Kim*, Daeheon Jeong*, Shakhnozakhon Yadgarova, Hyungyu Shin, Jinho Son, Hari Subramonyam, Juho Kim
Proceedings of the CHI Conference on Human Factors in Computing Systems, ACM, May 2025

Posters, Demos, and Workshop Papers

[D1] **Visual Embedding of Screen Sequences for User-Flow Search in Example-driven Communication**
Daeheon Jeong* and Hye Hyun Chu*
Extended Abstracts of the CHI Conference on Human Factors in Computing Systems, ACM, May 2025

[D2] **Spatial Screen Reader Using Touch Interface for Visually Impaired**
Daeheon Jeong, Yonghyun Kim, Jongha Park, Myungjae Cho
Proceedings, Korea Software Congress 2022, pp. 1798–1800, Feb 2022

[D3] **Auditory Map Generation Using Boundary Detection in a Web Environment**
Daeheon Jeong, Florian Reuting, Hwanki Jeong
Proceedings of HCI Korea 2022, pp. 869–871, Feb 2022

AWARDS & SCHOLARSHIPS

• Student Research Grant , Center for Convergence Education Funding Grant for Independent Undergraduate Research.	Sep 2022 – Jun 2023
• Startup Grant , Yonsei Preliminary Start-up Competition Funding Grant for a Start-up (as part of Team Healthier).	Mar 2023
• Alumni Scholarship , Sogang Alumni Foundation Merit and Need Based.	Jun 2021, Jun 2022, Dec 2022
• Study Abroad Scholarship , DB Kim Jun Ki Cultural Foundation Scholarship for Harvard Summer School.	Jun 2022 – Aug 2022
• Creative Award , HCI Korea 2022 Best Paper Nominee, Capstone Project.	Feb 2022
• Dean’s List , College of Economics Semester GPA in top 5%.	Jun 2020, Dec 2021

TALKS

Exploring Usability Evaluation Methods Using LMM. Invited talk at Samsung Electronics.	Sep 2024
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WORK EXPERIENCE

Naver Financial, Naver Corporation Software Engineer Intern.	Jan 2023 – Mar 2023
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PATENTS

[1] Method and System for Providing a Visualization Interface to Monitor the Location of Autonomous Vehicles (names hidden), <u>Daeheon Jeong</u> K.R. Patent (number hidden), Filed Mar 2024	
[2] Exhibit Information Guide Device and Method Yongsoon Choi, Daeheon Jeong, Junki Min, Changhee Cho, Dongjun Lim, Siwon Jeon K.R. Patent 10-2024-0031793, Filed Mar 2024.	

SERVICES

• Reviewer: CHI (2024), HRI (2024), DIS (2025).	
• Teacher: Youth Group, Community Church	Jan 2023 – Present.
• Military Police: National Air Force (Mandatory Service)	Mar 2018 – Feb 2020.

SKILLS

Programming	C/C++, Javascript, Python
Web Development	Typescript, React.js, Three.js, D3.js, WebGL, WebRTC
Design	Figma, Photoshop, Illustrator, Fusion 360, Davinci Resolve, After Effect
Miscellaneous	PyTorch, Tensorflow, ROS, GLSL, \LaTeX