

# DAEHEON JEONG

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## INTERESTS

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

**KAIST**, Yuseong-gu, Daejeon, Republic of Korea  
M.S. in Artificial Intelligence

Sep 2024 – Present

**Sogang University**, Seodaemun-gu, Seoul, Republic of Korea  
B.A. in Economics (Summa Cum Laude, Top 1.04%)  
*Summer School at Harvard University, Cambridge, MA, USA*

Mar 2020 – Feb 2024

*Jun 2022 – Aug 2022*

## RESEARCH EXPERIENCE

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**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

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### 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

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- **Student Research Grant**, Center for Convergence Education  
Funding Grant for Independent Undergraduate Research.

Sep 2022 – Jun 2023

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

### TALKS

Exploring Usability Evaluation Methods Using LMM. Sep 2024

Invited talk at Samsung Electronics.

### WORK EXPERIENCE

Naver Financial, Naver Corporation Jan 2023 – Mar 2023

Software Engineer Intern.

### PATENTS

[1] **Method and System for Providing a Visualization Interface to Monitor the Location of Autonomous Vehicles**

Sunwook Choi, Giseop Kim, Daeheon Jeong

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, L <sup>A</sup> T <sub>E</sub> X