

# Daeheon Jeong

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|--------------------------|---|------------------------------|
| INTERESTS                | Human-AI Interaction, User Experience, Visualization, Accessibility   |                              |
| EDUCATION                | <b>KAIST</b> , Yuseong-gu, Daejeon, Republic of Korea<br>M.S. in Artificial Intelligence  | Sep 2024 – Present           |
|                          | <b>Sogang University</b> , Seodaemun-gu, Seoul, Republic of Korea<br>B.A. in Economics ( <i>Summa Cum Laude</i> , Top 1%)   | Mar 2020 – Feb 2024          |
|                          | <b>Harvard University</b> , Cambridge, Massachusetts, USA<br>Summer School  | Jun 2022 – Aug 2022          |
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| RESEARCH<br>EXPERIENCE   | <b>KIXLAB</b> , School of Computing, KAIST<br>Student Researcher<br>Advisor: Prof. Juho Kim, Dr. Dae Hyun Kim<br>Focus: User Experience, Human-AI Interaction, Multimodal Model.  | Dec 2023 – Present           |
|                          | <b>Lifestyle Media Group</b> , Art & Technology, Sogang University<br>Student Researcher<br>Advisor: Prof. Yongsoon Choi<br>Focus: Conversational Agent, Accessibility, Human-AI Interaction.   | Jan 2022 – Feb 2024          |
|                          | <b>Naver Labs</b> , Naver Corporation<br>Undergraduate Intern<br>Advisors: Dr. Giseop Kim and Dr. Sunwook Choi<br>Focus: Data Visualization, Robot Operating System, Human-Robot Interaction  | Jun 2023 – Dec 2023          |
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| PUBLICATIONS             | <b>CONFERENCE PAPERS</b>  |                              |
|                          | <ul style="list-style-type: none"><li>[1] D. Jeong, F. Reuting, and H. Jeong, “Auditory Map Generation Using Boundary Detection in a Web Environment.” <i>Proceedings of HCI Korea 2022</i>, pp. 869–871, Feb 2022.</li><li>[2] D. Jeong, Y. Kim, J. Park, and M. Cho “Spatial Screen Reader Using Touch Interface for Visually Impaired” <i>Proceeding, Korea Software Congress 2022</i>, pp. 1798–1800, Dec 2022.</li></ul> |                              |
| AWARDS &<br>SCHOLARSHIPS | ▪ <b>Student Research Grant</b> , Center for Convergence Education<br>Funding Grant for Independent Undergraduate Research [\$3,300].   | Sep 2022 – Jun 2023          |
|                          | ▪ <b>Startup Grant</b> , Yonsei Preliminary Start-up Competition<br>Funding Grant for a Start-up (As Part of Team Healthier). [\$22,800].   | Mar 2023                     |
|                          | ▪ <b>Awardee</b> , Sogang Convergence Technology Competition.<br>Sogang University, Ministry of Education, and National Research Foundation <ul style="list-style-type: none"><li>• Topic: Conversational Museum Audio Guide (1st place).</li><li>• Topic: Assistive Touch Screen Interface for Low Vision (3rd place).</li></ul>   | Dec 2022, Jun 2023           |
|                          | ▪ <b>Alumni Scholarship</b> , Sogang Alumni Foundation<br>Merit and Need Based.   | Jun 2021, Jun 2022, Dec 2022 |
|                          | ▪ <b>Study Abroad Scholarship</b> , DB Kim Jun Ki Cultural Foundation<br>Scholarship Grant for Harvard Summer School [\$16,250].  | Jun 2022 – Aug 2022          |
|                          | ▪ <b>Creative Award</b> , HCI Korea 2022<br>Best Paper Nominee, Capstone Project.   | Feb 2022                     |
|                          | ▪ <b>Dean’s List</b> , College of Economics<br>Semester GPA of Top 5% in College.   | Jun 2020, Dec 2021           |
|                          |   |                              |
| TALKS                    | ”Exploring Usability Evaluation Methods Using LMM.”<br>Invited talk at Samsung Electronics.   | Sep 2024                     |
| WORK<br>EXPERIENCE       | <b>Naver Financial</b> , Naver Corporation  | Jan 2023 – Mar 2023          |

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| PATENTS        | [1] S. Choi, G. Kim, <u>D. Jeong</u> . 2024. Method and System for Providing a Visualization Interface to Monitor the Location of Autonomous Vehicles. K.R. Patent [number withheld]. Filed 2024.03.27.   |                     |
|                | [2] Y. Choi, D. Jeong, J. Min, C. Cho, D. Lim, S. Jeon. 2024. Exhibit Information Guide Device and Method. K.R. Patent 10-2024-0031793. Filed 2024.03.06.   |                     |
| OTHER PROJECTS | <b>Project Lead</b> , Low-Vision User Studies, Independent  | Mar 2023 – Nov 2023 |
|                | <ul style="list-style-type: none"> <li>Co-organized weekly usability study sessions with three low-vision individuals.</li> <li>Investigated common themes within low-vision accessibility challenges</li> </ul>  |                     |
|                | <b>Project Lead</b> , Capstone Design II. College of Engineering. Sogang University<br>Advisor: Prof. Youngmin Chung  | Sep 2022 – Dec 2022 |
|                | <ul style="list-style-type: none"> <li>Led a team of four on the research of an assistive touch-screen interface.</li> <li>Published a paper and made a poster presentation via the Korea Software Congress.</li> </ul>   |                     |
| ACTIVITIES     | <b>Project Lead</b> , UI/UX Design, Art & Technology, Sogang University<br>Advisor: Prof. Yongsoon Choi   | Sep 2021 – Dec 2021 |
|                | <ul style="list-style-type: none"> <li>Led a team of three on the research of auditory transformation of web information.</li> <li>Published a paper and made a poster presentation via the HCI Korea Conference.</li> </ul>  |                     |
|                | <b>Swimming Club</b> , Sogang University<br>Member  | Sep 2022 – Feb 2024 |
|                | <b>Healthier</b> , Sinchon Student Start-Up Community<br>Founding Member  | Feb 2022 – Mar 2023 |
| SERVICES       | <ul style="list-style-type: none"> <li>Collaborated in 3D interface design for patients to interactively convey the symptoms.</li> </ul>  |                     |
|                | <b>Student Society of Economic Studies</b> , Sogang University.<br>Member   | Sep 2020 – Sep 2021 |
|                | <ul style="list-style-type: none"> <li>Participated in group review and presentation of economic journals (JEP, AER).</li> </ul>  |                     |
|                | <b>Reviewer</b>   |                     |
| SKILLS         | <ul style="list-style-type: none"> <li>CHI (2024)</li> <li>HRI (2024)</li> </ul>  |                     |
|                | <b>Teacher</b> , Youth Group, Community Church  | Jan 2023 – Present  |
|                | <b>Military Police</b> , National Air Force (Mandatory Service)   | Mar 2018 – Feb 2020 |
| SKILLS         | <ul style="list-style-type: none"> <li><b>Programming:</b> C/C++, Javascript, Python</li> <li><b>Web Development:</b> Typescript, React.js, Three.js, D3.js, WebGL, WebRTC</li> <li><b>Design:</b> Figma, Photoshop, Illustrator, Fusion 360, Davinci Resolve, After Effect</li> <li><b>Miscellaneous:</b> Pytorch, Tensorflow, ROS, GLSL, <math>\LaTeX</math></li> </ul> |                     |
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[CV compiled on 2024-10-31]