

Daeheon Jeong

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INTERESTS	Human-AI Interaction, Learning Science, Accessibility, Visualization,	
EDUCATION	Sogang University , Seodaemun-gu, Seoul, South Korea	Mar 2020 – Feb 2024
	▪ B.A. in Economics, B.S.E. in Convergence Software	
	• Cumulative GPA: 4.11 / 4.3	
	Harvard University , Cambridge, Massachusetts, USA	Jun 2022 – Aug 2022
RESEARCH EXPERIENCE	▪ Harvard Summer School	
	• GPA: 4.0 / 4.0	
	KIX Lab , School of Computing, KAIST	Dec 2023 – Present
	Student Researcher	
	Advisor: Prof. Juho Kim	
	Focus: Language Model, Model Evaluation, Human-AI Interaction.	
	Lifestyle Media Group , Art & Technology, Sogang University	Jan 2022 – Present
	Student Researcher	
	Advisor: Prof. Yongsoon Choi	
	Focus: Conversational Agent, Accessibility, Human-AI Interaction.	
PUBLICATIONS	▪ Project: Collaborative Conversational Agent Design for Museum Learning	
	<i>Led team of five students on design research of museum conversational agent for learning artwork.</i>	
	▪ Project: Interactive Dial Interface for Low-Vision Individuals' Reading	
	<i>Progressed design study on a screen reader control using brushless DC motors</i>	
	Naver Labs , Naver Corporation	Jun 2023 – Dec 2023
	Undergraduate Intern	
	Advisors: Dr. Giseop Kim and Dr. Sunwook Choi	
	Focus: Data Visualization, Real-Time Communication, Human-Robot Interaction	
	▪ Project: Positional Uncertainty Visualization on Teleoperation Scenarios	
	<i>Researched multivariate positional uncertainty visualization of robots position for decision-making.</i>	
AWARDS & SCHOLARSHIPS	Semantic Graph , Graduate School of Economics, Sogang University	Nov 2021 – Jun 2023
	Research Assistant	
	Advisor: Prof. Moonki Hwang	
	Focus: Graph Neural Network, Data Visualization	
	▪ Project: Graph-Based Curricula Generation for K-12 Education	
	<i>Progressed graph convolution network development for a curricula generation based on behavioral data.</i>	
	CONFERENCE PAPERS	
	[1] <u>D. Jeong</u> , 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.	
	[2] <u>D. Jeong</u> , 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.	
	WORK IN PROGRESS	
	[3] <u>D. Jeong</u> , S. Jeon, J. Min, C. Cho, D. Lim, and Y. Choi, "A Conversational Learning With Agent in Museum (anonymized)", <i>CHI 2024 (Under Review)</i>	
	[4] <u>D. Jeong</u> , G. Kim, J. Jeon, and S. Choi, "Uncertainty Visualization for Robotic Vehicle (anonymized)", <i>HRI 2024 LBR (Under Review)</i>	
	▪ Student Research Grant , Center for Convergence Education	Sep 2022 – Jun 2023
	Funding Grant for Independent Undergraduate Research [\$3,300].	

	<ul style="list-style-type: none"> ▪ Startup Grant, Yonsei Preliminary Start-up Competition Funding Grant for a Start-up (As Part of Team Healthier). [\$22,800]. 	Mar 2023
	<ul style="list-style-type: none"> ▪ Awardee, Sogang Convergence Technology Competition. Sogang University, Ministry of Education, and National Research Foundation <ul style="list-style-type: none"> • Topic: Conversational Museum Audio Guide (1st place). • Topic: Assistive Touch Screen Interface for Low Vision (3rd place). 	Dec 2022, Jun 2023
	<ul style="list-style-type: none"> ▪ Alumni Scholarship, Sogang Alumni Foundation Merit and Need Based. 	Jun 2021, Jun 2022, Dec 2022
	<ul style="list-style-type: none"> ▪ Study Abroad Scholarship, DB Kim Jun Ki Cultural Foundation Scholarship Grant for Harvard Summer School [\$16,250]. 	Jun 2022 – Aug 2022
	<ul style="list-style-type: none"> ▪ Creative Award, HCI Korea 2022 Best Paper Nominee, Capstone Project. 	Feb 2022
	<ul style="list-style-type: none"> ▪ Dean's List, College of Economics Semester GPA of Top 5% in College. 	Jun 2020, Dec 2021
WORK EXPERIENCE	Naver Financial , Naver Corporation Software Engineer Intern	Jan 2023 – Mar 2023
OTHER PROJECTS	<p>Project Lead, Low-Vision User Studies, Independent</p> <ul style="list-style-type: none"> ▪ Co-organized weekly usability study sessions with three low-vision individuals. ▪ Investigated common themes within low-vision accessibility challenges <p>Project Lead, Capstone Design II. College of Engineering. Sogang University Advisor: Prof. Youngmin Chung</p> <ul style="list-style-type: none"> ▪ Led a team of four on the research of an assistive touch-screen interface. ▪ Published a paper and made a poster presentation via the Korea Software Congress. <p>Project Lead, UI/UX Design, Art & Technology, Sogang University Advisor: Prof. Yongsoon Choi</p> <ul style="list-style-type: none"> ▪ Led a team of three on the research of auditory transformation of web information. ▪ Published a paper and made a poster presentation via the HCI Korea Conference. 	<p>Mar 2023 – Present</p> <p>Sep 2022 – Dec 2022</p> <p>Sep 2021 – Dec 2021</p>
ACTIVITIES	<p>Swimming Club, Sogang University Member</p> <p>Healthier, Sinchon Student Start-Up Community Founding Member</p> <ul style="list-style-type: none"> ▪ Collaborated in 3D interface design for patients to interactively convey the symptoms. <p>Student Society of Economic Studies, Sogang University. Member</p> <ul style="list-style-type: none"> ▪ Participated in group review and presentation of economic journals (JEP, AER). 	<p>Sep 2022 – Present</p> <p>Feb 2022 – Mar 2023</p> <p>Sep 2020 – Sep 2021</p>
SERVICES	<p>Reviewer</p> <ul style="list-style-type: none"> ▪ CHI (2024) ▪ HRI (2024) <p>Teacher, Youth Group, Community Church</p> <p>Military Police, National Air Force (Mandatory Service)</p>	<p>Jan 2023 – Present</p> <p>Mar 2018 – Feb 2020</p>
SKILLS	<ul style="list-style-type: none"> ▪ 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 	

[CV compiled on 2023-12-23]