# Seon Gyeom Kim

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## Education

**KAIST (**Korea Advanced Institute of Science and Technology**),** South Korea
*— Ph.D Candidate (Integrated M.S./Ph.D. Track), Industrial Design, Advisor: Professor Tak Yeon Lee*
Aug 2021  - present

**KAIST,** South Korea
*— Bachelor of Science, Industrial Design(Major), Computer Science(Minor)*
Feb 2015 – Aug 2021

## Research & Projects

**Research — AI-Infused Pipeline for Authoring Semantically Stylized Charts**
Sponsored by Adobe Research, San Jose, USA
February 2025 - present

**Project — Simulating Mixed-Initiative Interview using AI Interviewer**
Sponsored by INITION
Oct 2024 - present

**Research — Chart-to-Experience: Benchmarking Multimodal LLMs for Predicting Experiential Impact of Charts**
Sponsored by Adobe Research, San Jose, USA
Jun 2024 - Jan 2025

**Project — LG Lifegraphy: Gen AI for Understanding Customer Experience**
Sponsored by LG
Mar 2024 - present

**Project — Future Home for Family**
Sponsored by TaeJae Research Foundation
Mar 2022 - Mar 2023

**Research — Understanding the Impact of Spatial Immersion in Web Data Stories**
Sponsored by Adobe Research, San Jose, USA
Mar 2021 - Mar 2023

**Project — Interactive Dashboard for High-Speed Train Safety Management**
Sponsored by KORAIL
Mar 2021 - Sep 2021

**Research — Point & Select: Designing an Interaction Technique for Inputting Surrounding Point of Interests in Driving Context**
Sponsored by Wonder Lab, KAIST, South Korea
August 2020 - February 2021

## Editorial Experience

**Peer Review —** IEEE Open Journal of the Computer Society (OJ-CS)

# Skills

**Programming** — Python, JavaScript (React, Three.JS)

**Design Research** — Empirical User Study Design and Web Prototyping (in-lab and crowdsourced)

**DL/ML** — Utilizing pre-trained models through API calls and platforms (e.g., Hugging Face)

**Visual Design** — Figma, Adobe Illustrator

# Teaching Experience

**KAIST,** Teaching Assistant
— Data Analytics for Designers (2 semesters)
— System Design (1 semester)

# Awards

2018 Reddot Award: Communication Design

# Languages

**Korean** — Native

**English** — Fluent