

Professional Experience

20PLUS Seoul, Korea
Senior Designer 03.2022 - 05.2025

- Led industrial design projects across consumer electronics, home appliances, and lifestyle products – from early concept exploration to refined 3D development and CMF execution.
- Directed design language, ergonomics, and form development with strong focus on usability, manufacturability, and visual consistency.
- Integrated AI-assisted workflows (Midjourney, Vizcom, Automatic1111) to accelerate ideation, mood studies, and material exploration while maintaining design integrity.
- Developed detailed CAD models and produced high-quality prototypes for both mechanical evaluation and visual presentation.
- Managed cross-disciplinary collaboration between designers, engineers, and vendors to ensure alignment between concept intent and production feasibility.

Contract Designer 01.2021 - 03.2021

- Developed concept designs and 3D models for modular home appliances, massage chairs, and steering wheel prototypes, ensuring ergonomic and mechanical feasibility.
- Created interactive product visualizations in Unity/WebGL with 360° views, color/animation variations, and integration into digital interfaces.

Neuni Shanghai, China

Contract Designer 09.2019 - 12.2019

- Designed a premium kitchen knife collection using Neuni’s material library and manufacturing network, balancing modern form with craft sensibility.
- Collaborated with artisans and suppliers to refine fabrication methods and showcased the final collection at an arts & craft exhibition.

Educational Experience

Hisense Qingdao, China

VR Design Course 03.2024

- Co-developed design curriculum focused on product concept creation in virtual environments.
- Guided participants in transitioning from hand sketching to real-time 3D concept presentation.

Incheon University Incheon, Korea

A.I. Design Course 09.2023

- Introduced AI-assisted visualization tools including Midjourney, Vizcom, and Automatic1111 and demonstrated full workflow from ideation to rendered images using AI-driven concept generation.

Handong University Daegu, Korea

Inclusive Design Course 09.2022

- Led workshops on inclusive design, emphasizing accessibility and usability for elderly users.

Education

Art Center College of Design

B.S. Product Design with Business Minor
Pasadena, CA 08.2022

Recognition

Design Shanghai EXPO

Vesta Kitchen Knife Collection
Shanghai, China 2020

K11 Arts & Craft

Vesta Kitchen Knife with Traditional Craft
Shanghai, China 2019

Skills

Design

Visualization	Rapid prototyping
Sketching	Form development
Storytelling	Basic electronics
Critical thinking	User experience
Team working	CMF

Software

Solidworks	Adobe CC Suite
Fusion 360	(Ps, Ai, Id, Xd)
Gravity Sketch	Automatic1111
Procreate	ComfyUI
Autodesk Sketch	Midjourney
Keyshot	Vizcom

Language

English: Native
Korean: Native
Chinese: Basic