Jiwon Lee

Product Designer

INFO

San Francisco, CA
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SKILLS

Adobe CC
Figma
Fusion360
Keyshot
Procreate
Rhinoceros 3D
Solidworks

CERTIFICATES

2025
Meta Front-End Developer
Professional Certificate
Coursera

2021
Google UX Design
Professional Certificate
Coursera

2021
Google Project Management
Professional Certificate
Coursera

EDUCATION

MDes in Interaction Design
California College of the Arts San Francisco, CA
Aug 2025 – Aug 2026

BFA in Industrial Design
California College of the Arts San Francisco, CA
Aug 2020 – May 2024
- Dean's Spotlight 2024
- Dean's List 2023

International Baccalaureate Diploma
Branksome Hall Asia Jeju Island, Korea
Feb 2014 – May 2020

EXPERIENCE

Design Engineer
MakeLab San Francisco, CA
Aug 2024 – Present
- Led high-value client engagements, guiding enterprise partners through multi-stage prototyping cycles and scaling orders of 200+ units, ensuring both technical feasibility and user-centered outcomes.
- Bridged industrial design and UX design by translating complex CAD and engineering constraints into clear, client-friendly workflows that support decision-making and long-term product strategies.
- Implemented AI-driven systems (custom GPT tools, Notion AI workflows) to automate quoting, documentation, and client communications—reducing manual errors and accelerating delivery by over 40%.
- Designed and maintained knowledge systems in Notion that onboard new designers, standardize documentation, and create scalable design guidelines for future projects.
- Collaborated closely with production and design teams to validate materials, optimize print orientation, and deliver prototypes across FDM, SLA, MJF, and VCJ, while ensuring aesthetic and functional quality.
- Cultivated lasting client partnerships by providing iterative design feedback, user-centered insights, and tailored prototyping strategies, contributing to repeat contracts and brand trust.

Product Designer
ToneWoodAmp Phoenix, AZ
Jun 2023 – Sep 2023
- Rebranded the full visual identity and UI/UX design of the ToneWoodAmp mobile app, delivering logo, typography, iconography, and interface design that launched with the official product.
- Engineered the final amplifier housing, improving ergonomic handling by 40% through structured user testing and 5 full-cycle prototype iterations.
- Directed usability studies with musicians to validate both physical and digital design decisions, converting insights into measurable improvements across hardware and app interfaces.
- Produced production-ready CAD for pilot manufacturing (100 units) and collaborated with engineers to scale toward mass production, enabling a successful crowdfunding launch.
- Developed photorealistic renders and design assets featured in investor decks, directly supporting multiple funding rounds and securing product-market confidence.
- Established a unified design system across physical and digital platforms in under 3 months, aligning hardware aesthetics with app UI to create a cohesive brand and product experience.

Design Intern
iZi Design Studio Seoul, Korea
May 2022 – Aug 2022
- Contributed to the redesign of a compact kitchen appliance, developing 3 concept directions that advanced to client evaluation and informed final manufacturing decisions.
- Conducted market benchmarking and CMF research on 50+ reference products, aligning with vendors early to reduce material cost by an estimated 15%.
- Collaborated with cross-functional teams of engineers and project managers to align design intent with manufacturing constraints, minimizing redesign cycles.
- Delivered presentation decks and design assets that improved client communication and supported faster decision-making during the prototyping phase.