

Jay Yum

Industrial Designer
Based In Los Angeles

Education

ArtCenter College of Design
Bachelor of Science, Produce Design

Skills

- Product Design & Concept Development**
 - Human-Centered Design | Sustainable & Innovative Solutions
 - Concept Ideation Creative & Development | Planning
- Engineering & Material Exploration**
 - Sustainable Materials | Structural Design
 - Design for Disassembly (DfD) | BIM
- Prototyping & Model Making**
 - Rapid Prototyping CNC Machining
 - 3D Printing | Gravity Sketch | Storytelling
- Collaboration & Client Interaction**
 - Interdisciplinary Teamwork | Communication
 - Problem Solving | Workshopping

Projects

- IKEA Home Gym Equipment** *Sustainability / DfD / Recyclable Materials*
 - Modular Detachable Gym Equipment Considering Ease of Use in Urban Living Spaces
- GoPro Smartphone Concept** *Ergonomic / User Experinece / Product Interaction*
 - Ergonomic, detachable GoPro smartphone for better accessibility
- Masion Margiela Perfume Bracelet** *Luxury Innovative Design, Form development, User interaction*
 - A special bracelet with perfume and diffuser functions

Experience

- Product Designe | ArtCenter College of Design** *2024 Spring - Current*
 - Developed human-centered and innovative design philosophy concepts that align with user needs.
 - Beyond the aesthetic approach, I have conducted several exploration focused on sustainability.
 - We have collaborated with several engineers and architects for professional-level prototyping.
 - Applied Design for Disassembly (DFD) principles for modular and eco-friendly product solutions.
- CMF & Sustainable Materials Research** *2024 Spring - Current*
 - Conducted research on sustainable materials for urban infrastructure and consumer product applications.
 - Investigate new materials and incorporate design planning principles in line with sustainability-focused design.
 - Applied material storytelling to enhance the emotional/sensory aspects of products, strengthening design of masterplan
- ArtCenter Teaching Assistance - Product Design** *2025 Jan - 2025 Apr*
 - I guided students in human-centered product design incorporating interior concepts, CMF strategies, and user experience enhancement, while emphasizing the integration of engineering principles, sustainable materials, and interactive elements with a strong commitment to accessibility and excellence.
- ArtCenter Teaching Assistance - Rapid Prototyping** *2024 Sep - 2024 Dec*
 - I guided students in integrating product design with environment and user experience through digital fabrication techniques such as CNC, laser cutting, and 3D printing, while fostering a multidisciplinary approach that combines structural thinking, material selection, and spatial adaptability.

