

JAY KIM

Cupertino, CA 95014 (Open to Re-location/Hybrid/Remote) | US Citizen
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EXPERIENCE

Industrial Designer 2 | 8am Golf

May 2023 - Current

Golf Club and Accessories

Procreate | Photoshop | Keyshot | Siemens NX

- Create and design ideation/concept sketches for new golf club designs to be further developed and 3D modeled for consumer use.
- Render photo realistic images of finalized product for marketing use using Keyshot 2025.
- Work with design and product engineers to develop final vision that meet functional and aesthetic requirements.

Drafter/Designer | LAM Research

December 2023 - Current

Semiconductor and Etch Engineering

Siemens NX | iPLM Software | Illustrator | GD&T

- Maintained and created 600+ engineering drawings for LAM's Etch Engineering division, with a focus on edge ring development.
- Overall error rate of 0.001% with only 1 problem report filed.
- Implemented ASME Y14.5 2018 standards for drawings and utilized LAM's iPLM software to access drafting requests and upload project information.

Designer Drafter | Lawrence Livermore National Lab

March 2021 - May 2023

Physics and Engineering Facility for Nuclear Weapons

PTC Creo 7 | GD&T | Drafting | Windchill PDM

- Delivered over 100+ accurate 3D models and precise engineering drawings adhering to ASME Y14.5 standards for LLNL's nuclear weapons program
- Calculated precise tolerancing and organized detailed model callouts/layouts on drawings to support projects for manufacturing

TECHNICAL SKILLS

CAD/Modeling Software | Solidworks, Siemens NX, PTC Creo, Rhino3D, Autodesk Maya, Cinema4D

Technical Knowledge | GD&T, ASME Y14.5, Machine Shop Tools, sheet metal, wood, and plastic fabrication

Creative Programs | Adobe Photoshop, Illustrator, Procreate, Autodesk Sketchbook, Figma, Keyshot, Microsoft Office

Design Knowledge | Rapid prototyping, Concept Development and Ideation, User Research, Critical Design Thinking, UI/UX

EDUCATION

Academy of Art University - Masters of Art, Industrial Design, GPA (3.77)

Sept 2023 - May 2025 (In Progress)

Rensselaer Polytechnic Institute - Bachelors of Science, Mechanical Engineering

Aug 2016 - May 2020 (Graduated)

PROJECTS

Bloom | Design Studio

Jan 2025 - May 2025

Procreate | Figma | Keyshot | Rhino3D | Photoshop

- Designed a needleless and non-invasive continuous glucose monitor for type 1 and 2 diabetes patients.

Gaia Automatic Bin | Design Project 2

Sept 2024 - Dec 2024

Procreate | Figma | Keyshot | Rhino3D | Photoshop | Illustrator

- Designed a self-sorting recycling bin to address good recycling practices and simplifying the process for users.