



CAREER SUMMARY

Additive manufacturing technician with 6 years of hands-on product development and 3D printing experience, currently supporting the production of mission critical air defense systems at Mach Industries. Partner closely with Integration and Engineering teams to deliver production ready hardware, optimize manufacturability, and ensure components meet quality standards before assembly. Combines a B.S. in Industrial Design with proven expertise in additive manufacturing, technical documentation, troubleshooting, and cross-functional collaboration, with a strong desire to expand into electromechanical assembly, systems integration, and high-rate production.

EXPERIENCE

Mach Industries - 3D Printing Technician | May 2025 - Present | Huntington Beach, CA

- Supported additive manufacturing operations through post-processing, assembly, and manufacturability optimization of 3D-printed components.
- Optimized print preparation and slicing workflows while managing production schedules, maintaining printer fleets, and troubleshooting equipment to minimize downtime.
- Operated and maintain SLS, FDM, and SLA 3D printing systems, collaborating with multidisciplinary engineers to resolve design constraints and improve print success rates.

Freelance - Industrial Designer | January 2023 - May 2025 | Los Angeles, CA

- Deliver comprehensive freelance design services through the use of Adobe Creative Cloud, Photoshop, Illustrator, InDesign and Keyshot to create custom logos, 3D design and softgood fabrication.
- Design and produce custom graphic artwork for apparel, digital media and custom automotive parts.
- Partner with clients to bring mid-century modern interior design concepts to life through concept ideation, material selection and overseas manufacturing methods.

Tesla Motors - Production Associate | March 2022 - January 2023 | Fremont, CA

- Assembled Tesla models 3, S, and X, ensuring precision in installing interior components for front and rear cabins, center console and sub assembly stations.
- Inspected and recorded damaged parts during assembly to maintain quality control and reduce defects.
- Troubleshoot and repaired production line-jams to enhance workflow efficiency by 20%.
- Wrapped Tesla employees vehicles during my free time using PPF (Paint Protective Film).

Wiley X - Product Development Coordinator | December 2018 - February 2022 | Livermore, CA

- Served as the primary point of contact for all product development, digital rendering and website design through producing Keyshot renderings for ecommerce marketing content.
- Reduced production turn over time 25% by operating during international business office hours.
- Led concept ideation, supported marketing through graphic design, packaging approvals, and trade show vendor coordination.

EDUCATION

BS Industrial Design | San José State University

SOFTWARE

Solidworks, NX, Misc Slicers, Keyshot, Substance3D, Fusion 360, Shapr3D, VR Gravity Sketch, Rhino, Creo, Onshape, V-Carve, Photoshop, Illustrator, InDesign, XD, Lightroom, Adobe Creative Cloud Suite, Procreate, Sketchbook Pro, Protopie, Figma, Python, MS Office, Logic Pro X, Windows OS, Mac OS