

Professional Summary

Motivated and detail-oriented Mechanical Engineer seeking to contribute to a forward-thinking company where I can apply my technical skills, creativity, and problem-solving abilities to support product development and manufacturing excellence. I am committed to continuous learning and professional growth, with the goal of becoming a key contributor and long-term asset to the team. By aligning with a company's mission and values, I aim to help drive innovation, improve processes, and contribute to sustainable success for both the organization and my own career development.

Education

Rio Hondo College

Whittier, CA | Aug. 2018 - May 2020

Associate of Science Degree in Engineering

Skills

- CAD Software: SolidWorks, AutoCAD.
- Manufacturing: 3D Printing
- Microsoft Excel
- Time Management & Prioritization
- Adaptability, Detail-oriented, Logical Thinking, Innovation
- PDM Systems (e.g., SolidWorks PDM,) for version control, BOM management, and collaborative design workflow.

References

References available upon request

Experience

ENGINEERING RELATED EXPERIENCE

• **Mass Fabrication Designer**

Jan 2023 - Present

EGADS LLC | Las Vegas, NV

- Collaborate with product design engineers to provide feedback on designs and ensure they can be efficiently fabricated and assembled at scale.
- Specify materials, tolerances if needed, and surface finishes for components, and create detailed 2D drawings and 3D models.
- Create and maintain comprehensive technical documentation, including work instructions, and bills of materials (BOMs). Proficiency with CAD software (e.g. SolidWorks, AutoCAD).
- Use PDM systems (e.g., SolidWorks PDM) to:
Manage CAD data and engineering documentation.
Maintain revision control.

• **Mechanical Designer**

Sep. 2018 - Sep. 2020

We The People Holsters | Las Vegas, NV

- Develop CAD models of holsters and molds in SolidWorks using reference 3D scans of firearms.
- Covert 3D scan data (e.g., STL or .OBJ files) into usable reference geometry for mold design.
- Develop and improve workflows for integrating 3D scans into SolidWorks efficiently.

• **Mechanical Designer**

May 2017 - July 2018

Hartnell Designs | Las Vegas, NV

- Edit and revise 3D Cad models based on engineer-provided red lines and design changes
- Assist in preparing drawing packages for review, release, or fabrication, including drawing checklists and version control.
- Follow and help improve internal workflows for red line tracking, model revision, and design documentation.