







PROFESSIONAL SUMMARY

Detail-oriented Junior Mechanical Manufacturing Engineer with hands-on experience optimizing production lines and implementing CAD-based solutions. Eager to contribute mechanical and analytical expertise to innovative manufacturing teams.

EXPERIENCE

2024 - Now

Junior Manufacturing Engineer

Lockley Engineering Solutions

San Diego, CA

- Support senior engineers in designing tooling for assembly lines, increasing production efficiency by 12%.
- Conduct time studies and recommended process changes that reduced material waste by 8%.
- Maintain 3D models using SolidWorks for fixtures and part assemblies.
- Assist in managing engineering change orders across departments.

2022 - 2023

Mechanical Engineering Intern

ThermoCo Manufacturing

- Modeled and revised part prototypes for automotive components.
- Worked with shop floor teams to validate assembly feasibility.
- Helped create technical documentation and inspection plans.

EDUCATION

B.S. in Mechanical Engineering

San Diego State University Graduated: May 2024

Certifications

- SolidWorks Certified Associate (CSWA) 2024
- OSHA 10-Hour General Industry Safety 2023

SKILLS

SolidWorks, AutoCAD, GD&T



FMEA & root cause analysis

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Mechanical tolerancing

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BOM management and ECO systems



Cross-functional team collaboration

