



Mechanical Engineer Intern

- Seasonal
- Paid
- Entry Level
- Yuba City, Ca

Orchard Machinery Corporation (OMC) was formed in 1961, producing hydraulic tree shakers to enable more efficient prune harvest. Like most agricultural engineering milestones which preceded it such as the cotton gin, combine harvester and the all-purpose tractor, OMC's tree shaker replaced time consuming and labor-intensive field work with a reliable mechanized alternative. This technology provided farmers and growers with consistent results and higher output at a lower cost.

Today OMC offers a full line of orchard harvesting solutions, from tree shakers to material handling systems to transportation products along with offering unparalleled service and support in the industry. OMC proudly manufactures all its products in the United States. Our product line enables growers across the globe to modernize their operation, thus improving yield and making for a bountiful harvest.

OMC team members are farmers, ranchers, growers, fabricators, engineers, and industry professionals. We set ourselves apart with our knowledge, not just in manufacturing, but in operating and maintaining nut and tree harvesting equipment. We are passionate about what we do and are dedicated to doing it better than anyone else. Our company builds the most durable, high-performance machines and offers the biggest customer support network in the industry. We do this because we understand that our success is inseparable from our customers.

Requirements:

- Enrolled in an accredited engineering program
- Successfully passed a Statics, Dynamics and Strengths of Materials class
- Experience with SolidWorks and AutoCAD or equivalent
- Experience making and reading engineering drawings
- Basic shop skills including welding and general fabrication



- Basic machining skills including mills and lathes
- Basic knowledge of hydraulic systems and principles
- Willingness to learn new skills

Job Duties:

- Design and maintain SolidWorks models and drawings of R&D and production equipment
- Create bills of materials of production equipment
- Create operator's handbooks
- Participate in weekly design reviews and brainstorm with engineering staff
- Work with fabricators, assemblers and production staff to facilitate completion of equipment
- Work independently and as a team on new product designs
- Conduct field visits to gather machine performance data
- Occasional fabrication and assembly projects
- Participate in cross-trainings
- Work as a team player
- Completion of all other tasks as assigned

Contact:

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