



## Electrical 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 or currently in a programming course, analog / digital processing, control systems
- Experience with AutoCAD, Eagle, and/or Altium
- Experience making and reading wiring schematics and datasheets



- Basic electrical skills including using multimeter and oscilloscopes
- Basic computer skills
- Willingness to learn new skills

Job Duties:

- Design and maintain wiring schematics of R&D and production equipment
- Identify electrical components and functions and design according
- Create electrical pinouts and documentation
- Participate in weekly design reviews and brainstorm with engineering staff
- Diagnosing and finding solutions to electrical problems
- Design service tools for machine diagnostics
- Program functions and controls (Using Plus+1 or C++)
- Create GUIs and vector graphics
- Participate in cross-trainings
- Work as a team player
- Completion of all other tasks as assigned

Contact:

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