

# Manufacturing Engineer

Location: Windsor, CA

## About Micro-Vu

Micro-Vu designs automated 3D measuring machines. These machines use 3D software, image processing, precision mechanics and motion control, lasers, tactile probes, and 3D sensors to measure mechanical dimensions on various parts to accuracies of a micron.

Micro-Vu manufactures these machines in a highly-automated factory at its campus in Northern California. Customers purchase Micro-Vu machines to measure their parts for quality control and assurance. Cell phone manufacturers, medical device and aerospace companies, and many smaller industries use Micro-Vu machines in their facilities around the world.

Micro-Vu has 115 employees and is located in Windsor, California near the Russian River. Micro-Vu was established in 1959, and has become a leader in automated 3D industrial measurement. Engineers must be highly-motivated and passionate about bringing the best possible products and technologies to the market.

## Job Summary

The applicant will be responsible for improving and maintaining manufacturing processes and workflows. Tasks may include but are not limited to:

- Developing a highly automated manufacturing facility
- Designing automated systems for assembling products
- Fixture design and implementation for CNC machining and assembly
- Programming of prototype and production parts using CAM software
- Implementing lean manufacturing practices
- Continuous process improvement

## Education

MS or BS in Mechanical Engineering, Manufacturing Engineering, Industrial Engineering, or equivalent. PhD considered.

## Qualifications

- Experience and discipline in programming and manufacturing complex components
- Proficiency with CAD/CAM software such as NX, Solidworks, Creo, Mastercam, CAMWorks, etc
- Proficiency with drawings, tolerance analysis, and GD&T principles
- Experience operating CNC mills/lathes, including 5-axis and millturns
- General knowledge of manufacturing processes
- General knowledge of metrology
- General knowledge of material properties
- Problem-solving ability, quick learning, and attention to detail
- Ability to work independently as well as collaboratively in a team environment
- Self starter, being able to manage a project by oneself
- Ability to lift up to 50 pounds on occasion