

Senior Manufacturing Engineer

About JoeScan

JoeScan is a privately held company currently experiencing rapid growth. Our market focus is sawmill scanning. With deep expertise in the electronic, software and optical technologies, JoeScan is currently the market leader in 3D scanning for various green mill applications in North America. Over the next 5 years, we will expand our product portfolio and ramp production capacity to extend our leadership to other applications and geographies. To meet our near and long term challenges, we are seeking individuals who are humble yet tenacious, passionate about learning but biased towards action, and who enable teamwork by inspiring individuals and through strong individual contributions wherever they can add value.

JoeScan offers competitive salaries and excellent benefits, including 401k, profit share, medical, dental, and disability insurance (**all 100% premium paid**) as well as an industry leading PTO policy. For those who enjoy biking to work or going out for a midday run, our offices have a shower. JoeScan is an equal opportunity employer.

Position Responsibilities

Sawmills are harsh environments and scanning provides the data that ultimately drives how much lumber can be recovered from a log; accurate, fast and reliable scanners are mission critical. In this role, you will lead JoeScan's efforts to maintain and improve the quality and reliability of our products while simultaneously developing, implementing and qualifying the tooling and processes required to introduce several new products and ramp production tenfold in the coming years. You will work with the engineering, production and management teams to develop, coordinate, implement, measure and drive existing and new manufacturing processes to success. **Strong analytical skills and an aptitude for hands on problem solving are critical.**

(continued on next page)

- Contribute manufacturing expertise throughout the New Product Introduction (NPI) process to ensure JoeScan products are easy to build, test, install, and use.
- Develop and communicate manufacturing requirements to ensure products meet manufacturability, cost, quality, and throughput targets.
- Develop, document and implement assembly procedures for new products.
- Train manufacturing on new assembly procedures.
- Develop hardware, firmware and software test procedures to validate design.
- Develop, implement, and improve appropriate production controls and automated tests.
- Specify, test and document relevant diagnostic and production software.
- Identify and qualify new suppliers as necessary.
- Diagnose product defects/failures (yield / RMA) and report findings to engineering
 - Perform root cause analysis
 - Correct manufacturing processes to resolve identified issues
- Work with production to improve tooling, facility, methods, and supply chain to reduce production time and rework.
- Work with engineering to reduce product cost and increase product manufacturability
- Maintain and improve test jigs and equipment
- Work with suppliers to identify and resolve component quality issues, reduce cost and manage component obsolescence and upgrades

Position Qualifications

- Minimum Bachelor of Science in Engineering.
- Minimum of 5 years experience in manufacturing of electromechanical devices with hands on product and process assembly and test experience, ideally with a software component
- Experience with new product introduction and supplier selection and qualification .
- Proven project management skills.
- Demonstrated skill with DFMA, tool and jig design, SOP, work instructions, or standard method sheets, root cause analysis.

How to apply

Please send resumes to jobs@joescan.com.

In the body of your email, briefly tell us about your favorite engineering or manufacturing project and why it was your favorite.