



MICHAEL ANDERSON

LEAD MEASUREMENT ENGINEER

PROFILE

With a robust background in measurement science and a focus on the automotive industry, I have dedicated my 12-year career to ensuring that measurement systems not only meet but exceed industry standards. My educational background in Mechanical Engineering provided a solid foundation for my work in metrology and quality control. I excel at employing statistical methods to enhance measurement accuracy and ensure compliance with regulatory requirements.

EXPERIENCE

LEAD MEASUREMENT ENGINEER

AutoMetrics Inc.

2016 - Present

- Oversaw the development of measurement protocols for new automotive components.
- Reduced measurement cycle time by 20% through process optimization.
- Trained engineers on the use of advanced measurement equipment.
- Collaborated with manufacturing teams to troubleshoot measurement issues.
- Conducted internal audits to ensure compliance with ISO 9001 standards.
- Presented measurement results to stakeholders, influencing design modifications.

MEASUREMENT SCIENCE CONSULTANT

Quality Matters

2014 - 2016

- Provided expert guidance on measurement systems to automotive manufacturers.
- Developed customized training programs on metrology for client staff.
- Improved measurement processes, resulting in a 15% increase in product quality.
- Analyzed client measurement data to identify opportunities for improvement.
- Implemented new measurement technologies, enhancing accuracy.
- Facilitated workshops that led to collaborative problem-solving among teams.

CONTACT

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SKILLS

- Metrology
- Quality Control
- Statistical Analysis
- Process Optimization
- Team Collaboration
- Training Development

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, MICHIGAN STATE UNIVERSITY

ACHIEVEMENTS

- Led a project that enhanced measurement accuracy, saving the company \$200,000 annually.
- Received 'Employee of the Year' for outstanding contributions to measurement practices.
- Published a white paper on measurement best practices in the automotive industry.