



MICHAEL ANDERSON

SENIOR ROBOTICS ENGINEER

CONTACT

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- San Francisco, CA

SKILLS

- Robotic Programming
- Automation Techniques
- Process Optimization
- Project Management
- Data Analysis
- Team Collaboration

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN ROBOTICS
ENGINEERING, TECH UNIVERSITY, 2011

ACHIEVEMENTS

- Led a project that resulted in a \$500,000 annual cost reduction through automation.
- Developed a proprietary robotic programming protocol adopted company-wide.
- Awarded 'Employee of the Quarter' for outstanding contributions to project success.

PROFILE

Results-oriented Industrial Robotics Engineer with a solid background in the automotive manufacturing sector. Over 10 years of hands-on experience in robotic system design, programming, and maintenance. Proven success in enhancing production efficiency and quality through advanced automation techniques. Expertise in collaborating with multidisciplinary teams to achieve project goals and deliver high-quality results on time and within budget.

EXPERIENCE

SENIOR ROBOTICS ENGINEER

AutoTech Systems

2016 - Present

- Developed and implemented robotic welding systems that improved weld quality and reduced cycle times by 20%.
- Managed multiple projects from concept through execution, ensuring adherence to timelines and budgets.
- Conducted root cause analysis for robotic system failures and implemented corrective actions.
- Collaborated with design engineers to integrate robotic systems into new vehicle models.
- Optimized robotic movements using advanced simulation tools to enhance efficiency.
- Facilitated training programs for engineering staff on new robotic technologies and methodologies.

ROBOTICS ENGINEER

Motive Robotics

2014 - 2016

- Designed custom robotic solutions for automotive assembly processes, leading to a 15% increase in throughput.
- Programmed robotic arms for precision tasks, improving accuracy in component assembly.
- Participated in cross-functional teams to streamline workflows and enhance production efficiencies.
- Performed preventive maintenance on robotic systems to minimize downtime.
- Documented best practices and standard operating procedures for robotic operations.
- Analyzed production data to identify trends and recommend improvements.