MICHAEL ANDERSON

MACHINE VISION SPECIALIST

CONTACT

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San Francisco, CA

SKILLS

- Computer Vision
- Robotics
- Automation
- Image Processing
- Project Coordination
- Technical Training

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING, UNIVERSITY OF CALIFORNIA, BERKELEY, 2014

ACHIEVEMENTS

- Improved robotic pick-and-place accuracy by 35% through system enhancements.
- Awarded 'Best New Technology' for innovative vision solutions in robotics.
- Presented at industry conferences on advancements in machine vision for automation.

PROFILE

Dynamic Machine Vision Engineer with a robust background in designing and implementing computer vision systems for robotics and automation. Over 8 years of experience in the manufacturing sector, specializing in integrating vision technology with robotic systems to enhance operational efficiency and accuracy. Demonstrates a deep understanding of image processing techniques and machine learning methodologies to solve complex industrial challenges.

EXPERIENCE

MACHINE VISION SPECIALIST

RoboVision Technologies

2016 - Present

- Developed vision systems for robotic arms to improve pick-and-place operations.
- Integrated machine vision with PLCs to enhance automation processes.
- Conducted feasibility studies for new vision applications in robotics.
- Trained staff on the operational use of vision systems in manufacturing.
- Optimized vision algorithms to increase detection speed by 40%.
- Collaborated on cross-departmental projects to ensure successful implementation.

VISION SYSTEMS ENGINEER

TechVision Corp.

2014 - 2016

- Designed and tested vision systems for quality control in production lines.
- Utilized CAD software to create system layouts and designs.
- Managed system installation and calibration to meet client specifications.
- Analyzed performance metrics to identify and rectify system inefficiencies.
- Maintained documentation of system configurations and operational guidelines.
- Participated in client meetings to discuss system capabilities and improvements.