MICHAEL ANDERSON

Construction Robotics Engineer

MA

CONTACT

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- San Francisco, CA

EDUCATION

Bachelor of Science in Civil Engineering

University of Construction

2017

SKILLS

- Construction Automation
- Robotics Programming
- Site Assessment
- Team Collaboration
- Safety Compliance
- Technical Training

LANGUAGES

- English
- Spanish
- French

A proficient Robot Commissioning Engineer with a strong background in construction automation, possessing over 5 years of experience in deploying robotic systems for construction sites. Expertise in integrating robotic solutions that enhance productivity and safety in building processes. Adept at programming and configuring robotic systems for tasks such as bricklaying, welding, and site surveying.

💼 WORK EXPERIENCE

Construction Robotics Engineer
2020-2023

BuildTech Robotics

- Developed robotic systems for automated bricklaying on construction sites.
- Programmed robots to perform welding tasks with precision and efficiency.
- Conducted site assessments to determine automation feasibility.
- Collaborated with project managers to align robotic integration with project timelines.
- Maintained detailed documentation of robotic operations and safety protocols.
- Provided training and support to construction teams on robotic systems.

Robotics Technician
2019-2020

Constructive Automation

- Assisted in the commissioning of robotic systems for construction applications.
- Performed routine maintenance and troubleshooting on robotic units.
- Documented technical specifications and operational procedures.
- Worked closely with engineers to improve system functionality.
- Participated in safety training to ensure compliance with regulations.
- Supported project teams in the integration of robotic solutions.

★ ACHIEVEMENTS

- Increased construction efficiency by 20% through automation.
- Successfully implemented a robotic bricklaying system ahead of schedule.
- Recognized for innovative contributions to project success in construction automation.