

POSITION: Mechanical Engineer
DEPARTMENT: Engineering
EMPLOYMENT STATUS: Full-time



PRIMARY JOB FUNCTION AND SCOPE:

Construction Robotics is seeking a mechanical engineer to develop and design robotic industrial automation equipment for the construction industry. This position is a multi-faceted job that will involve a variety of skills, including operating complex robotic equipment, troubleshooting system issues, and working with the team on equipment and new product development. Construction Robotics is a growing start-up company in a fast paced, exciting phase of development. The ideal candidate is resourceful and goal oriented; a strong individual contributor and works well in a team environment.

DUTIES & RESPONSIBILITIES (not all inclusive):

- Lead research, development and design of new products
- Learn how to operate complex robotic machinery
- Lead equipment setup and operation
- Support the installation and site demonstrations of the equipment
- Develop mechanical solutions for system design and integration with mast climbing systems
- Operate equipment on-site, interfacing with, and training customers
- Design, test and implement improvements to existing products

EDUCATION and/or EXPERIENCE

Mechanical Engineering or Technical Degree with 7+ years of work experience is preferred. Equivalent combination of education and experience is acceptable.

SKILLS:

- 3D Modeling/Detailing experience – Solidworks experience preferred
- Demonstrated mechanical and computer aptitude
- Strong logistical coordination and leadership abilities
- Ability to work on a construction site in varying weather conditions
- Ability to troubleshoot system problems and implement solutions
- Strong communication skills
- Able to design mechanical component (Design For Manufacturability/Design For Assembly)
- Strong ability to troubleshoot issues and implement solutions quickly
- Knowledge of manufacturing processes
- Experience with hand tools, milling experience a plus.
- Knowledge of BOM management
- Self-motivated and able to plan/prioritize necessary work and drive to completion
- Understanding/experience of 6 DOF robotics a plus
- Project Management skills preferred

How to Apply:

Send an email to info@construction-robotics.com including the following:

The position you are interested in applying.

- Why you want the position
- Why you think you are a good fit for the position
- An updated resume

About Construction Robotics, LLC.:

Construction Robotics (CR) was formed in 2008 to drive the advancement of automation in construction. CR is a growing startup company developing the world's first commercially available semi-automated robotic brick laying system that will revolutionize the masonry industry. We are committed to inventing, developing, and commercializing advanced construction technologies that can help reduce cost and project time.