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Mechanical Design Engineer

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Company: ABCO Automation, Inc.

Location: United States

Category: other-general

ABCO Automation is looking for a Rock Star Mechanical Engineer. Do you have expertise/experience with automation, expert solid modeling design skills, project development experience and risk management skills? Are you curious in nature and eager to learn new ideas, methods and technologies. Experience with material selection, fabrication and machining processes used for making components would be helpful. Some of the main responsibilities are: Conceptualizes and designs highly complex automatic machines, robotic cells and material handling systems, including development and checking of technical specifications, drawings and bills of material. Manages the scope of work for mechanical design on projects, including planning, supervising and verifying the work of other engineers and designers to ensure effective performance of the work. Provides leadership and direction in technical risk evaluation, functional decomposition and interface management to design team. Provides technical expertise in automation and equipment engineering practices. Leads design reviews to evaluate: functional and regulatory requirements, error budget development, tolerance analysis, sub-assembly decomposition, manufacturability, material specifications, bills of material development including use of standard components, and validation processes. Experienced with DFMA product development techniques. Creates 3D part/assembly models and detail drawings for manufacture per design best practices using Solidworks®. Must be able to perform tolerance and finite element analysis on components and assemblies. Working knowledge of Inventor®, AutoCAD®, and other CAD software a plus. Qualifications Minimum of Five (5) years of progressive mechanical engineering experience, including substantial 3D modeling and automation systems design experience Bachelor

Degree in Mechanical Engineering (BSME) or Mechanical Engineering Technology (BSMET). Master Degree in Mechanical Engineering (MSME) a plus. To apply or for a full job description email jobsearch@goabco.com

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