



YES (Yield Engineering Systems, Inc.) is a preferred supplier of process equipment for the semiconductor advanced packaging, life science and AR/VR/display markets. From startups to the Fortune 50, our customers rely on YES solutions to unleash products that change lives -- from cellphones and IoT devices, to AI and virtual reality, to diagnostic tests for COVID. Our industry-leading vacuum cure ovens, chemical vapor deposition (CVD) systems, and plasma etching tools are driving innovation in a wide range of exciting and growing markets. We look forward to talking with smart, energetic, team-oriented people who can grow with us. We provide competitive salary and benefits (including employee stock ownership), a beautiful light-filled new facility in a central location, and some of the best co-workers you'll find anywhere. If this appeals to you, please read on!

Title: **Mechatronics Engineer – Robotics and Motion Planning**

Location: Fremont CA

Key Responsibilities

- Develop and optimize robot trajectories and substrate handling for high volume manufacturing equipment: wafer, panels, and other substrates
- Approach motion solutions development and problem solving analytically across all mechatronic assemblies within product portfolio
- Develop modeling capability to optimally balance throughput and reliability considerations
- Provide motion inputs to platform/architecture designers for upfront planning
- Serve as a company resource for technology trends in robotics
- Work closely with partners & suppliers for concurrent development as well as problem solving
- Develop end of arm tooling to ensure high performance handling solutions

Required Qualifications

- BS or MS degree in Mechanical, Mechatronics or Systems Engineering or applicable technical degree/experience
- 3+ years' experience in mechatronics-related field with relevant motion engineering background
- Strong theoretical dynamics knowledge
- Team-oriented problem solver, with excellent organizational and communication skills
- Hands-on robotics experience

Preferred Qualifications

- 5+ years motion engineering experience
- Modeling experience (ex: Matlab, Simulink, Ansys, etc)
- Familiarity with firmware development and industrial communications protocols

Compensation

YES offers a stimulating and fun working environment, competitive salaries, healthcare benefits and company stock options.

Additional Information

- Applicants must be currently authorized to work in the United States on a full-time basis.
- YES is an equal opportunity employer and values diversity. All employment is decided on the basis of qualifications, merit and business need.

Come find out why YES is such a great place to work. Apply today!