



Yield Engineering Systems, Inc

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Sr. Member of Technical Staff – Engineering & Technology

YES (Yield Engineering Systems, Inc.) is a leading manufacturer of high-tech, cost-effective equipment for transforming surfaces, materials and interfaces at the nanoscale. 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!

Key Responsibilities

- Development of semiconductor and Life Sciences products & processes
- Analytical leadership from conception through design & testing
- Modeling and predictive analysis for leading edge technologies
- Technology leadership to guide engineering teams through complex design tradeoff analysis
- Customer success orientation – influencing & communication for new product & performance improvement
- IP conceptualization & experimentation
- Chamber design (thermal, deposition, cleaning, etching, etc)
- Integration of partners & suppliers for concurrent development
- Company resource for technology trends and innovation in our areas of application
- Integration of partners & suppliers for concurrent development

Required Qualifications

- MS or PhD degree in Physics, Engineering, or other applicable technical degrees or experience
- 10+ years of capital equipment & process chamber design experience
- Strong track record of design in: 1) vacuum system 2) thermal analysis 3) flow dynamics 4) reaction kinetics
- Modeling experience (ex: Matlab, Simulink, Ansys, etc)
- Knowledge of design standards including UL/CSA/FCC, S2/S8/F47/CE
- Team-oriented problem solver, with excellent organizational and communication skills

Preferred Qualifications

- Deep experience in semiconductor processes such as etch, CVD, PVD, RTP, packaging
- Knowledge of advanced packaging technologies, trends & roadmaps
- Strong IP credentials
- Customer contacts in key semiconductor and/or Life Sciences customers

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!