



“Dream Big, Invent Small”. That’s the philosophy at Microfabrica (www.microfabrica.com), a high technology company located in Van Nuys, California. We are the industry leader in the manufacturing of cutting edge micro and millimeter-scale mechanical devices used in a large variety of medical, electronics and defense applications.

Sr. Mechanical Engineer

Description

This position would be a good fit for a gifted and innovative mechanical engineer that has a thorough understanding of all principles related to mechanical design and a talent for hands on work. Experience with automation/robotics, very high precision mechanisms, fluidic systems, and optical assemblies is required. A person from a semiconductor or related industry would be appropriate. We are a small growing company with significant potential for advancement and professional development.

Responsibilities

- Develop and design machines, fixtures and sub-assemblies for production tools and R&D apparatus, often requiring micron level precision and accuracy.
- Work with engineers and scientists in lithography, electro-plating and planarization to advance process technology and facilitate production expansion.
- Facilitate and implement machines and systems for production and R&D

Requirements

- BS or MS in Mechanical Engineering
- Seven plus years of relevant experience
- 3D CAD expertise, preferably with SolidWorks
- Demonstrated understanding of manufacturing technologies
- Experience with designing highly precise mechanisms (micron level accuracy)
- Proficiency with FEA software like Cosmos or ANSYS
- Good hands on skills and ability to perform basic machine shop practices
- Understanding of drawing detailing for manufacture and geometric dimensions and tolerances
- Technical problem solving skills and meticulous attention to detail
- Excellent written and verbal communication skills with fluency in English
- A candidate with experience in planarization technologies such as CMP or lapping would be preferable

Benefits

We recognize people as our most valuable asset. Our competitive salary and benefits package includes 401K, a stock option plan, dental insurance, medical insurance, reimbursement for health club costs, wellness programs, paid company holidays, and paid vacations.

* Employment contingent upon successful completion of background investigation. Smoke-free workplace. Drug-free work environment.

How to be considered

Please email your resume as a Word document to sbermel@microfabrica.com with "**Sr. ME**" as the subject. When submitting a resume, please include the title of the position you are applying for in the Subject line, and include your salary history and requirements in the body of your e-mail. Candidates must be US Citizen or permanent resident and authorized to work in the USA.

NO PHONE CALLS OR WALK-INS PLEASE! No recruiters or agencies without a previously signed contract. No faxes please. Microfabrica Inc. is an equal opportunity employer.