3-9-15 JOB OPENING

MECHANICAL ENGINEER
GenapSys
Redwood City, California

Description:

At GenapSys we are working to change the world of healthcare and diagnostics. Our team brings together an incredibly diverse and multidisciplinary set of backgrounds and skills – from electrical and mechanical engineers, to physicists, chemists, microfluidic engineers, molecular biologists, bioinformaticians, mathematicians and more. GenapSys is currently developing a DNA-sequencing technology that will revolutionize the world of healthcare. Our system will enable fast, accurate, and ultra-low cost genetic tests in order to better understand (and ultimately treat) genetic diseases such as Cancer, Parkinson's, Diabetes, and Alzheimer's, just to name a few.

GenapSys was founded by Dr. Hesaam Esfandyarpour, and incubated over 6 years (2004-2010) at Stanford University. The company was incorporated in early 2010 and is funded by leading firms in both venture and institutional capital. We're looking for a mechanical engineer with experience using thermoplastics and elastomers for microfluidic devices. If you want to help change the current paradigm of DNA sequencing and contributor to the GenapSys vision and goals this job is for you!

Duties:

- Design and supervision of fabrication of thermoplastic and elastomer microfluidic components.
- Design and assembly of microfluidic chips and their associated breadboard/prototype instrumentation.

Requirements:

- Ability to design and fabricate mechanical, pneumatic, and electromechanical systems.
- A deep understanding of polymer engineering principles including chemical structure, thermoelastic properties, and polymer characterization and processing methods.
- 3D CAD with SolidWorks and LabView programming.

Benefits & Perks:

- Competitive compensation and stock options
- Anthem Blue Cross PPO, HSA and Kaiser Medical (including for dependents)
- Excellent Dental, Vision, through Guardian
- Fully sponsored Life, Short and Long-term Disability insurance
- FSA, 401(k) retirement plan
- Stocked kitchen and beverages, daily catered lunches
- High Tea Friday Social to celebrate weekly accomplishments
- Free complex onsite gym membership
- Learning and growth opportunities

Contact:

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