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## MECHANICAL DESIGN ENGINEER (Culver City)

Sofie Biosciences, Inc, ([www.sofiebio.com](http://www.sofiebio.com)) is seeking a strong candidate to join our dynamic, multi-disciplinary team to develop disruptive technologies in Positron Emission Tomography (PET). In particular, the Mechanical Engineer II will lead in-house initiatives related to the design and development of SOFIE automated systems. The Mechanical Engineer II will be an integral member of the SOFIE R&D team.

### Qualifications

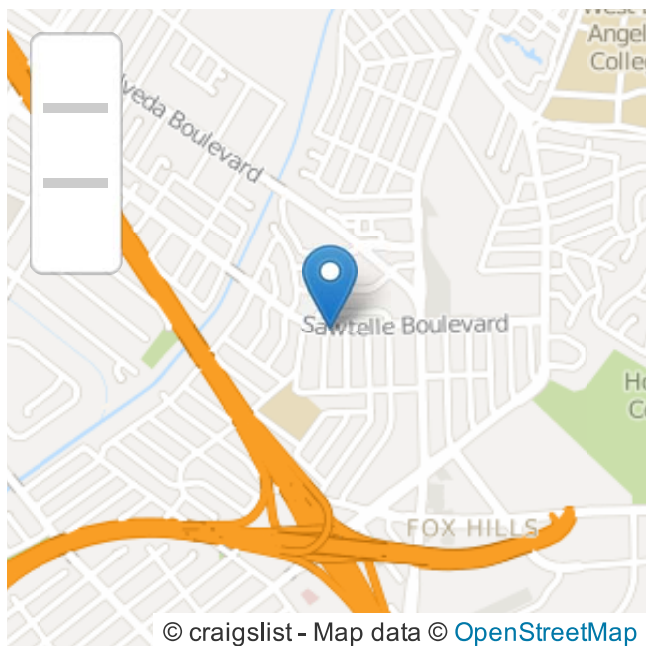
- M.Sc. in Mechanical Engineering with 2+ years relevant post-graduate experience (or B.Sc. with 5+ years relevant experience)
- Excellent Solidworks skills in design and engineering drawing creation
- Expertise with electro-mechanical systems and components (sensors, actuators, pneumatic and electrical control)
- Solid understanding of fabrication and manufacturing processes including: machining, sheet metal, injection molding, and rapid prototyping.
- Excellent written and oral communication, record keeping and organization, problem solving, and ability to work in a collaborative environment
- Strong engineering fundamentals with understanding of GD&T, design for manufacturing, design of experiments, statistics, gage R&R, FMEA, etc.
- Knowledge and experience in product development processes a plus
- Experience with biotech instrumentation and microfluidics a plus
- Legally authorized to work in the United States without company sponsorship

### Job Duties

- Responsible for design, fabrication, and testing of automated, electromechanical systems and subsystems
- Focus on hardware design and integration of mechanical components, interface to consumables, user interaction, PCB mounting, cable management etc.
- Specifically for development of automated, radiochemistry systems
- Define electromechanical system and subsystem requirements and architecture
- Create CAD models, detailed part drawings, assembly drawings, and specification documents using Solidworks
- Develop intuitive knowledge through testing of prototypes and instrumentation for effective troubleshooting, debugging, and design improvements
- Present and analyze results quantitatively
- Collaborate closely with an interdisciplinary R&D team to meet project milestones
- Communicate ideas and information to scientists, engineers and non-technical personnel in both verbal and written form
- Maintain thorough and detailed written records

**\*\*The starting date is immediate for the right candidate.\*\***

\*\*\*\*\*PLEASE SEND YOUR RESUME AND COVER LETTER TO  
JOBS@SOFIEBIO.COM\*\*\*\*\*



compensation: **Competitive salary, commensurate w/experience + benefits**

employment type: **full-time**



- Principals only. Recruiters, please don't contact this job poster.
- do NOT contact us with unsolicited services or offers

No contact info?

if the poster didn't include a phone number, email, or  
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