

## OPEN POSITION: Undergraduate Engineer



6160 Bristol Parkway, Culver City, CA 90230

[www.sofie.com](http://www.sofie.com)

SOFIE is a privately held molecular imaging company developing a range of products including pre-clinical imaging systems, automated chemistry synthesis systems, and new diagnostic imaging probes. More information on the company can be found at [www.sofie.com](http://www.sofie.com).

The company's environment will reward a self-starter – someone who can pick up and excel at new concepts and ideas quickly, and who is not satisfied with doing the bare minimum. We work in a fun, collaborative environment that is as diverse, adventurous and open minded as the technology we develop. We encourage our employees to learn and grow personally and professionally.

### Objective

SOFIE is seeking a highly motivated Undergraduate Engineer to join our team. The candidate will assist the ELIXYS instrument program team in a variety of roles, primarily focused on the assembly and testing of ELIXYS fluidic cassettes. Additional responsibilities may include instrument testing and CAD. The responsibilities and duties with this position will be determined by the performance and ambition of the candidate. The candidate will report directly to a Principal Engineer on the ELIXYS team. Compensation begins at \$15/hr.

### Qualifications

The desired candidate is hard-working, has a high attention to detail, and is capable of following through on tasks with minimal supervision. We are ideally looking for a candidate who is planning on staying in the LA area for the next 1-2 years.

- Engineering undergraduate student (Mechanical Engineering preferred but not required)
- Must commit to a minimum of 8 hours per week on-site at SOFIE (4 hours per day minimum)
- Hands-on engineering experience outside of the classroom: clubs, hobbies, internships, jobs, etc.
- Ability to learn quickly, follow detailed work instructions, and learn from mistakes
- Demonstrated CAD skills in design and engineering drawing creation (Solidworks preferred)
- Ability to troubleshoot and solve problems
- Demonstrated ability to convey results both quantitatively and qualitatively
- Experience with assembling/testing instrumentation or electromechanical components is a plus
- Excellent written/oral communication, record keeping and organization, and ability to work in a collaborative environment
- Legally authorized to work in the United States without company sponsorship

### Job Duties

- Assembly and QC testing of ELIXYS fluidic cassettes (primary duty)
- Collaborate with an interdisciplinary R&D team to meet project milestones
- Maintain thorough and detailed written records as required
- CAD model and drawing updates
- Assist with integrated system testing, providing detailed feedback and presentation of results
- Validating product "kits" from a third-party vendor using the ELIXYS
- Assist with assembly and testing of ELIXYS instrument components

**To apply, send cover letter with attached resume to: [jobs@sofiebio.com](mailto:jobs@sofiebio.com)**

