Internship Opportunity
Mechanical Engineer

Job Details

Vasoptic Medical Inc. is seeking a highly motivated undergraduate or graduate student for a 10-12 week, full-time summer internship opportunity in our Baltimore, MD office. Interested candidates should review the details below and apply electronically.

Position Description
This position involves the development of various aspects of the product design and engineering associated with Vasoptic’s product portfolio, which includes mechanism design, product structure design, parts sourcing and integration, manufacturing, product integration and verification testing. Candidates should be highly motivated, creative, self-driven, team-oriented, problem solvers who can achieve technical objectives and assignments without significant supervision.

Position Responsibilities
The position will focus on one of Vasoptic’s ophthalmic imaging devices and involve the achievement of relevant mechanical-related goals of the Company’s product development efforts. Specific responsibilities include:

- Designing and implementing mechanical and opto-mechanical mechanisms and structures;
- Sourcing mechanical parts for integration into a tangible prototype;
- Developing and manufacturing the design into the prototype utilizing viable vendors, domestic and oversea;
- Creating requirement, specification, and test verification documentation as part of Vasoptic’s quality engineering and quality control system;
- Performing design verification testing to confirm performance and design quality; and
- Performing other related duties as assigned.

Required Qualifications
To qualify for this position, candidates must be currently enrolled or a recent graduate of one of the following areas: Mechanical Engineering, Product Engineering, Product Design, or an equivalent field. The candidate should have demonstrated a strong capability for mechanical design and engineering. Candidates must be proficient with the use of Solidworks and its modeling tools. Candidates must be legally authorized to work in the United States on a full-time basis for the duration of the internship without sponsorship.

Preferred Qualifications
The ideal candidate would have mechanical design/engineering experience in the medical device or other regulated industry. Additional desired qualifications include:

- Familiarity with design and engineering for medical devices;
- Prior experience of mechanical design for optical systems;
- Skills of using Solidworks evaluation and simulation tools;
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- Reasonable knowledge of design and development practices, including version control, issue tracking, and unit/integration/system testing;
- Project management skills, including planning, estimation, and requirements management; and
- Ability to be symbiotic with a startup environment.

Location
Work will be primarily performed in our Baltimore (Maryland) office. Some local travel may be required.

Compensation
Compensation will be provided on an hourly basis and commensurate with the candidate’s experience. No compensation will be provided for travel or relocation.

Application Process
Interested applicants should send their resume/CV and portfolio with demonstration of previous experience in mechanical design and engineering to:

Yusi Liu
VP, Product Development
yusi.liu@vasoptic.com

About the Company
Vasoptic Medical Inc. is an early-stage, medical device company with a mission to advance healthcare through innovation in medical diagnostics. Headquartered in Baltimore, Maryland, Vasoptic is committed to creating and delivering value to the patient and the healthcare system.

For more about the Company, visit www.vasoptic.com.