

Engineer Job Description

LighTopTech Corp. is dedicated to building innovative imaging technologies to transform medical and industrial fields. We are located in Rochester, NY. Our main product is the GDOCM 4D™ imaging platform targeted at noninvasively imaging biological tissues and man-made materials with micrometer resolution in 3D; our software tools provide intuitive, powerful visualizations and unleash the potential of unbiased, quantitative assessment of tissue. We have auxiliary software products related to image analysis and visualization. We have dynamic collaborations with the University of Rochester, across multiple departments, including the University Medical Center.

We are looking for an engineer to design, develop, test and deliver novel features for our imaging platform, and to influence creative solutions that meet not only functional, but also performance, scalability, and reliability requirements.

Requirements:

- MS degree or higher in electrical / optical / biomedical / computer engineering or a related field
- 3+ years of hands-on experience developing optical coherence tomography systems and/or optical coherence tomography algorithms and/or advanced image processing (3D preferred)

Qualifications:

- Excellent communication skills including the ability to communicate software engineering and/or development concepts and principles
- Excellent collaboration skills working with co-workers including distributed team members
- Maintain a positive working relationship with all company employees to foster and promote a cooperative working environment
- Analytical and problem-solving skills
- Present, learn, and apply new technologies (as needed)
- Establish continual improvement by suggesting improvements to all aspects of the product development

Preferred:

- Experience developing and deploying commercial healthcare products
- Experience working in a dynamic, fast-moving startup and working in interdisciplinary teams

For inquiries:

<https://lightoptech.com/contact/>