



BRITESEED

Research Engineer

JOB LISTING

Company Name
BriteSeed, LLC

Company Address
4660 N. Ravenswood Ave.
Chicago, IL 60640

Company Point of Contact
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CTO
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BriteSeed is a forward-thinking company committed to making minimally invasive surgery safer and more efficient. Our team is developing the next generation of laparoscopic and robotic surgical tools that provide real-time detection and visualization of hidden blood vessels, ureters, and other structures using advanced optics and artificial intelligence.

BriteSeed is supported by the NIH, NSF, the Texas Medical Center, and was named one of the top medical startup companies by MedTech Innovator.

Job Description

The BriteSeed Engineering Team is seeking a Research Engineer to join our effort to advance the development of real-time optical detection systems. We are designing the first integrated tissue detection system into surgical tools and are seeking a passionate, self-motivated engineer to support the development and testing of next-generation laparoscopic medical devices. This is an entry-level position, and applicants with a strong interest in surgical sciences and pre-clinical testing and data analysis will be given priority. Technical and pre-clinical projects include: developing and testing tissue detection systems, data analysis, prototype validation, and experimental design

Education

- Bachelor's or Master's degree in Biomedical Engineering, Life Sciences or related field

Preferred Skills & Expertise

- Holding (or planning to graduate Spring 2022 with) an undergraduate or graduate degree in biomedical engineering (BME), life sciences or related field from an accredited university
- 2+ years (internships included) research/engineering/clinical lab experience
- Knowledge of job area combining breadth and depth, typically obtained through advanced education combined with project/internship experience
- Scientific or medical writing/editing experience
- Good verbal and written communication skills
- Demonstrates excellent organization skills and prioritization of tasks
- Experience in MATLAB or ability to understand and interpret MATLAB code
- Software or hardware development experience
- Some knowledge of C/C++/Python desired
- Authorized to work in the United States

Opportunities

- Design studies to investigate specific life science questions within field of expertise
- Generate reports and documents of the experimental results following good documentation practices
- Translate research discoveries into usable and marketable products
- Interact with the company's engineering, quality, and clinical personnel
- Gain significant experience working in a start-up environment and develop research, engineering, and pre-clinical testing skills