



BRITSEED

Electrical Engineering Intern

JOB LISTING

Company Name

BriteSeed, LLC

Company Address

4660 N. Ravenswood Ave.
Chicago, IL 60640

Company Point of Contact

Jacob Altstadt, M.S.
Research Engineer
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BriteSeed is a forward-thinking company committed to detecting critical tissue types during minimally invasive surgery. Our team is currently developing a real-time blood vessel detection technology that integrates sensors into minimally invasive surgical tools, including laparoscopic and robotic cutting devices.

In the near future, a surgeon using our Smart Surgical Tools will be alerted in real time when blood vessels and other tissue types are being approached. This will help surgeons strategically cut or avoid tissues.

Job Description

The BriteSeed engineering team is seeking a bachelor's or master's-level student in electrical, mechatronic or computer engineering to join our effort to advance the development of real-time optical detection systems. Our team is currently looking for someone interested in participating in the design and development of future generations of novel, real-time surgical tools. The Engineering Intern will support the company's engineering and clinical staff on technical projects. He or she will gain significant experience working in a fast-paced startup environment and develop research, organizational, and presentation skills. Such projects may include algorithm development, PCB design, system testing. She or he will interact with the company's engineering, quality systems, and clinical personnel. Interest in PCB design, signal processing, algorithm development, machine learning, and data mining is desirable. We are excited to bring on a self-motivated team player who completes independent tasks and meets deadlines.

Skills & Expertise

- Currently enrolled in an undergraduate or graduate degree program in engineering or related science (i.e. Electrical, Mechanical, Mechatronics, Software, Computer, Computer Science, or Systems Engineering)
- Strong academic performance
- Good verbal and written communication skills
- Demonstrates excellent skills in organization, team dynamics, effective communication and prioritization of tasks
- Authorized to work in the United States
- Good programming skills in MATLAB, C/C++, database management and FPGA Experience preferred