Neocis is a venture-backed start-up company developing the next generation of robotic surgery systems in Miami, Florida. The team is a group of world-class engineers with backgrounds from MIT, Stanford, UPenn and CalTech and a successful track record in robotic surgery. It is a ground-floor opportunity to get experience with a high-tech company that is poised to revolutionize surgery.

Neocis is looking for an electrical engineer to contribute significantly to the core design.

Responsibilities include:
- Design and development of electronics for robotics and tracking systems
- Verification and validation testing for safety and reliability
- Support and contribute to intellectual property development
- Work with cross-functional team including software and mechanical engineers as well as clinicians and marketing staff

Qualifications:
- BS in Computer Science, Electrical Engineering, or equivalent
- Strong understanding of real-time robotics design and components, including motors and encoders, with an emphasis on reliability and safety.
- Experience with communications protocols like CAN, BiSS, and SSI
- Experience with documenting and testing electro-mechanical systems
- Team player with excellent communication skills, both written and verbal

Additional desirable skills and experience include:
- Experience writing device drivers and working with embedded systems
- PCB layout design
- Experience with medical devices, including testing for IEC 60601 and EMC
- Familiarity with FDA regulations
- Start-up experience

Please contact info@neocisinc.com. We’re looking forward to having you join our team.