

Microfabrication Engineering Technician

Permanent, Fulltime position, Boston, MA

Company Description

NeuroNexus, the global leader in neurotechnology, develops and commercializes high-value neural interface technology, components, systems and software for neuroscience and clinical applications. NeuroNexus' suite of commercialized technologies has, for nearly two decades, led to hundreds of publications from research labs around the world. NeuroNexus products include conventional and high-density electrodes, recording and stimulation systems, and software for data analytics.

Job Duties

- Work independently in a team-based production environment to support activities in silicon/semiconductor wafer processing including photolithography, wet and dry etching, PVD/CVD, metallization, metrology and inspection
- Learn best practices for all processes involved in NeuroNexus product fabrication
- Accurately follow process instructions to ensure high yield
- Document production metrics throughout daily process steps
- Efficiently move between multiple production tasks on a daily basis
- Monitor and maintain supply inventory related to wafer processing
- Work safely in areas where hazardous chemicals are stored or in use
- Work under pressure at times to maintain production schedules
- Travel required on an occasional basis

Requirements

- Bachelor's Degree in Engineering/Science, or Associate Degree with commensurate level of fabrication experience
- Experience in a cleanroom environment working with silicon wafers and microfabrication equipment (either industrial or educational)

Special Skills/Experience Preferred

- Fundamental materials science knowledge
- Design and performance of testing protocols
- Experience in statistical process control
- Experience with CAD systems

Desired Attributes

- Passionate about MEMS technology for life science
- Detail oriented, innovative
- Ability to work both independently and as part of a multi-disciplinary team
- Excellent time management skills, ability to multitask
- High energy and interest in learning new skills in a high-technology environment
- Excellent writing and verbal communication skills
- Ability to work in a cleanroom for most of the day
- Ability to work under pressure

NeuroNexus offers a fast-paced, interesting and fun work environment that encourages employees to be productive and innovative. Employees work both independently and as part of a multi-disciplinary team focused on developing innovative technologies for interfacing with the brain. NeuroNexus offers competitive wages and benefits. Interested candidates, please send your resume to the address or email below.