

Senior Technician

About Paradromics

Paradromics is bringing to market the first high-bandwidth data interface between brains and computers. We envision a future where data is medicine and some of the hardest challenges in physical and mental health have been reframed as technical problems with clear solutions. By allowing direct readout and modulation of neural activity, brain computer interfaces (BCI) will act like a modem for the brain, allowing it to connect with restorative digital systems. Our first product will be an Assistive Communication Device for patients with severe combined speech and motor deficits as a result of paralysis.

Job description

Paradromics is looking for a Senior Lab Technician to test, characterize and develop of key components of our neural implant system. This includes characterization of our device/components, testing automation and facilities management, with the opportunity for growth and ownership. The ideal candidate is an experienced lab technician looking to work on an exciting project and leverage multidisciplinary tools and techniques. You will have the opportunity to work with a fast-paced team of scientists and engineers trying to change the world – if that is interesting, this is the place for you!

Required Skills & Experience

- BS in Science or Engineering
- 10+ years experience working with vacuum equipment or chemistry labs, OR a combination of both.
- At least 2 years experience with scanning electron microscopy
- Experience working in a regulated environment (ie. medical, aero, semiconductor)
- Experience working with SOPs
- Experience presenting data

Preferred Skills & Experience

- Experience with high vacuum systems (ie. KF flange and vacuum pumps)
- Experience with safe chemical handling and disposal (ie. Organic solvents, acids, bases)
- Experience with high temperature equipment (ie. Furnaces)
- Experience with rapid prototyping equipment (ie. 3D printers, laser cutters, basic machine shop)
- Scripting experience for test automation (ie. MATLAB, python, labview)
- Experience writing SOPs
- Experience with failure analysis (ie. Pull testing, cross-sectioning, accelerated aging)
- Experience with Electron Dispersive X-Ray Spectroscopy (EDS/EDX)

Paradromics is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

Qualified candidates should send cover letter and resume to HR@paradromics.com