Process Development of DNA Sequencing Sensors

POSITION TITLE: Nanofabrication Process Engineer

POSITION SUMMARY

Stratos Genomics is an exciting biotech company developing the next generation of DNA sequencing technology. We are searching for an experienced Nanofabrication Process Engineer to support process development of sensors used in our sequencing instruments.

The Nanofabrication Process Engineer will be part of a cross-disciplinary team of Engineers and Scientists within a dynamic start-up biotech environment near the Seattle waterfront.

EDUCATION & EXPERIENCE

• M. S. or Ph. D. in a physical science or engineering discipline with broad clean room process engineering experience.
• Experience in photolithography, plasma and wet etching, and thin film deposition through a variety of methods such as PVD and PECVD.
• Experience with clean room metrology equipment including SEM, optical microscopy, and profilometry.
• Experience in CAD photomask design.
• Nanofabrication processing experience in the Washington Nanofabrication Facility at the University of Washington.
• Understanding of properties of metals, polymers, and dielectric materials.

In addition to these technical skills, the candidate must exhibit strong analytical ability, good verbal and written communication skills, and be well organized.

ESSENTIAL SKILLS

• Development of methods for highly reproducible post-processing of CMOS chips for application to nanopore sensors in DNA sequencing.
• Support transfer of process into commercial fabrication.
• Responsible for maintaining organized notes of all processing and SOP documentation.
• Provide regular progress updates.
• Adhere to Stratos Genomics’ policies and support management decisions and goals in a positive and professional manner.

COMPENSATION & BENEFITS

The Nanofabrication Process Engineer will enjoy a competitive salary with the opportunity for growth that only a burgeoning start-up can provide. Stratos Genomics employees also enjoy these benefits: 2 weeks PTO + 10 company holidays and up to 6 bonus days based on company performance, generous health insurance including vision and dental, life and disability insurance, 401K match program, flexible spending accounts, stock options, and a gym membership.

To apply: send resume and cover letter to bobm@stratosgenomics.com (PDF, Word document, or text in body of e-mail). In the cover letter, please tell us why you are interested in Stratos Genomics’ technology.