



Dec 8, 2015

JOB OPENING FOR PROCESS ENGINEER

Norcada is currently looking for candidates to fill a full-time “Process Engineer” position within its MEMS business group. The responsibilities associated with this position include process development, device designs and modeling, prototype fabrication and characterization to support our on-going effort in the development and production of nano-MEMS devices for a wide range of scientific applications, including electron and X-ray microscopy, radiation and particle physics, and bio-sensing. The successful candidate will be a member of a team responsible for new product development, prototype fabrication, and regular productions. A significant portion of the work hours will be spent in multi-user cleanroom and microscopy facilities.

The ideal candidate should have the following experience and qualification:

First-hand microfabrication experience in a cleanroom facility:

- UV and e-beam lithography
- Thin film deposition (PVD and CVD)
- Plasma etching (RIE, ICP-RIE) and wet chemical etching
- Device characterizations (AFM, ZYGO, SEM, TEM, FIB)

Qualification:

- A B.Sc or M.Sc. degree in Physics, Chemistry, Engineering, or Materials Sciences
- A minimum of one year working experience in a cleanroom fabrication facility

Norcada is an Edmonton-based company that develops and commercializes MEMS devices for industrial and scientific applications, and specialty semiconductor infrared lasers for gas sensing applications.

Candidates who wish to apply may submit their resume by email or fax.

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