**JD Contingent worker – Junior Research Process Engineer in electron beam lithography**

We have an exciting opening at Facebook to help define the future of nanofabrication for AR/VR optical devices. We are looking for someone who will work directly with the FB nanofab research team to develop cutting edge technologies using state of the art semiconductor equipment in a clean room environment. The primary duty in this role is the fabrication of optoelectronic nanostructures using electron beam and photolithography.

**Education desired:** M.S. or PhD in Electrical, Chemical Engineering, Physics, Materials Science, or related discipline.   
  
**Job function/Knowledge desired:** Must demonstrate an in-depth knowledge of electron beam and optical lithography. Knowledge of semiconductor materials, nanofabrication processes & support metrology. Understanding of how materials can influence lithographic processes and experience defining process flow integrations for high performance optical devices. The successful candidate will be able to quickly work independently after receiving general direction from experienced staff. The ideal candidate will be open to cross-training on tools outside of the lithography sector and be a collaborative member of the overall research team.

**Experience desired:** Minimum 1 year experience of nanofabrication utilizing advanced lithography techniques. Hands on experience with state of the art electron beam lithography equipment is desired. Experience working in clean room environment is preferred.   
  
  
**Special requirement:** U.S. citizenship or permanent resident status required.

If interested, contact Pasqual Rivera at [pasqualrivera@fb.com](mailto:pasqualrivera@fb.com)