



## intel PTD is hiring

Intel Portland Technology Development is developing technology at a more rapid pace than at any time in company history to address the worldwide chip shortage. We need talented PhD level graduates from **Physics, Bio & Chemistry, and Engineering (ECE, ChemE, MatE, MechE)** to deliver world class chips through the development of awesome hardware and nanofabrication processes.

PhD graduates, Post-Docs, PhD Candidates within 12 months of graduation, and senior & staff lab scientists will be considered. Other extraordinary experience will also be considered.

Defect Metrology Teams and the Yield Analysis Teams are seeking scientists and engineers for the two broad job descriptions:

### **Yield Analysis - *Process Engineer***

PTD Yield Engineers are responsible for **leading scientific research** that enables the manufacturing of novel innovative device architectures.

### **Optical, SEM & Metrology Tool Development - *Process Engineer***

PTD Metrology Tool Engineers are responsible for **leading scientific and engineering development** of next generation Optical, SEM/TEM, measurement and tooling.

**Experience desired (any of the following)** : nanofabrication or manufacturing, programming for data analysis or data collection, chemical or materials processing, circuit design, computer science and engineering, hands on experimental work, industrial eng., lithography, machine learning or other programming projects, metrology, microscopy, nanofabrication, novel material design, optical source, detection & sensors design, solid state physics, film growth, patterning & etch, systems engineering, tooling & measurement science

Email [ward.newman@intel.com](mailto:ward.newman@intel.com) with resume for phone interview

