

Martin K Lee

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Technical Skills Summary

Techniques & Equipment

- 3D Profilometry
- Atomic Force Microscopy
- Scanning Electron Microscopy
- Select Photolithography Methods: UV, X-Ray, E-Beam
- Wafer Cleaning, Surface Preparation, and Spin Coating
- Thermal Evaporation
- Magnetron/DC/RF Sputter Coating
- Cleanroom Safety and Protocols

Education

North Seattle Community College, Seattle, WA

AAS-T Nanotechnology, Anticipated June 2013

Selected Coursework: Nano/Microfabrication; Nano/Microfabrication, Packaging & Testing; Elementary and Advanced Statistics; Introduction to Materials Science

Seattle Central Community College, Seattle, WA

Certificate of Carpentry, June 2000

Technical Projects and Work

North Seattle Community College Nanotechnology Lab, Seattle, WA Jan. 2013-present
Independent Lab Research

- Developed standard operating procedure for Atomic Force Microscope (AFM)
- Wrote detailed AFM maintenance plan for the lab maintenance guide
- Explained Atomic Force Microscopy to two North Seattle engineering classes

North Seattle Community College Science Department, Seattle, WA Sept.2011-Dec.2012
Lab Technician

- Maintained lab equipment and chemicals used for biology and chemistry labs
- Assisted the lab manager in completing quarterly inventory of department chemicals
- Trained five new student lab technicians in general lab procedures and safety protocols

Other Experience

Seattle Construction Contractors, Seattle, WA June 2005-Sept. 2011
Project Manager/Carpenter

- Scheduled inspectors and labor, and coordinated deliveries
- Led safety meetings, site inspections and managed site cleanliness and logs
- Recommended solutions to unforeseen conditions
- Interpreted project plans and organized labor tasks