

## Objective

Highly motivated, innovative, and versatile with 12+ years of experience in high tech and manufacturing settings. Known to accept new challenges and responsibilities that have resulted in a broad base of technical knowledge. Distinguished by a tireless work ethic and a strong sense of dedication. A team player with exceptional people skills. History of strong performance and achievement indicated by consistent exceptional performance ratings year-to-year.

## Skills

Nanofabrication Processing, Powdered Metal Secondary Machine Operator, Retail.

## Work Experience

### Engineering Support Specialist

**Penn State University/ARL** - March 2009 – June 2020

- Supported Technician assisting engineers in designing and developing prototype bench test equipment for the light rail vehicle industry. Head of fixturing design and fabrication.
- Expanded scope of manufacturing leading and assisting personnel assigning tasks based on prototype fabrication requirements.
- Worked in a class 10 cleanroom laboratory.
- Reduced cycle time of R&D heads by 30% over a two-year time period by providing characterization and analysis of advanced thin-film head devices.
- Developed and wrote training procedures and delivered hands-on instruction to engineers, engineering technicians, and interns on nanotechnology characterization equipment.
- Scheduled maintenance and ordered replacement parts for FIB tools.
- Operated vacuum deposition and etch tools as needed.

### Engineering Support Specialist

**Delta Corporation** - 2007 – 2009

- Selected by the department director to slice, image and analyze micron and nanometer scale devices to provide valuable information to engineers.
- Worked in a class 10 cleanroom laboratory.
- Reduced cycle time of R&D heads by 30% over a two-year time period by providing characterization and analysis of advanced thin film head devices.
- Developed and wrote training procedures and delivered hands-on instruction to engineers, engineering technicians and interns on nanotechnology characterization equipment.
- Scheduled maintenance and ordered replacement parts for FIB tools.
- Operated vacuum deposition and etch tools as needed.
- 1 of 7 techs out of 3,000 worldwide to be chosen by senior management to participate in a weeklong EcoSeagate teambuilding event in New Zealand in 2007.

## Education

Certificate in Associate Electrical Engineering Technology - (Penn State University - DuBois, PA)