
PHYSICIST ENGINEER RESUME

Summary:

An experienced engineer and scientist whose role is to develop and understand the behavior of ultra-thin films used in the display technology such as development & characterization of thin film materials in the optical and pixel mechanical structure; establishes the thermo-mechanical and time-related (creep, relaxation, diffusion) material characterization development of thin films; has excellent communication, leadership and programming skills necessary in performing the job on hand.

Professional Experience:

Senior Physicist Engineer January 2007 – Present
Argonne National Laboratory, Lemont, IL

Responsibilities:

Developed and brought to market IMOD display technology.
Researched and explored infrastructure in the areas of thin films optics, thin film processing, micro machining and packaging.
Identified and developed new technologies as in the area of clean tech and energy
Junior Physicist Engineer May 2004 – December 2006
Argonne National Laboratory, Lemont, IL

Responsibilities:

- Developed and brought to market IMOD display technology.
- Researched and explored infrastructure in the areas of thin films optics, thin film processing, micro machining and packaging.
- Identified and developed new technologies as in the area of clean tech and energy

Junior Physicist Engineer May 2004 – December 2006
Argonne National Laboratory, Lemont, IL

Responsibilities:

- Developed and brought to market IMOD display technology.
- Researched and explored infrastructure in the areas of thin films optics, thin film processing, micro machining and packaging.
- Identified and developed new technologies as in the area of clean tech and energy

Junior Physicist Engineer May 2004 – December 2006
Argonne National Laboratory, Lemont, IL

Education:

Degree in Engineering Physics
Rice University, TX, 1999

Skills:

- Excellent communication skills
 - Excellent leadership skills and has the potential to grow
 - Good programming skills
 - Independent and efficient team player
 - Focused on innovations
-

Awards and Affiliations:

Member, Multi-Scale Technologies Institute (MuSTI)
Member, Institute of Physics Society
