

6-8 month temporary position at Dolby

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Summary Description:

Serving as an optics designer in the Professional Imaging Products group, you will develop optics for display products serving studios and post production houses in the creation of video content for television and cinema.

Essential Job Functions:

- Develop and optimize factory calibration processes in Matlab.
- Develop test and evaluation procedures for optical components: LEDs, LCDs, optical films, optical sensors
- Perform data analysis of factory data to monitor yield and quality
- Develop and conduct tests to qualify alternate sources for sustaining production of existing products
- Develop and conduct tests to determine key performance parameters for optical subsystems in prototype designs
- Plan small projects for products or subsystems
- Work with project leader to establish task schedule, subsystem definition, task milestones and technical goals.
- Identify milestones, estimate effort, and report to project leader on progress, roadblocks, and risks for assigned projects.
- Review and understand customer and Marketing needs for the project or technology.
- Help to establish design requirements and performance goals.
- Keep abreast of industry developments and applies knowledge of customer needs toward new markets for Dolby technologies.
- Work with other Dolby engineers to build and test mechanical/optical prototypes
- Specify, research and select optical components for products in development

Requirements: Education, Skills, Abilities, and Experience Required

- Experience with Matlab
- Master's degree or Bachelor's degree in engineering or science plus 5 years of relevant professional experience
- Design experience with LEDs and LCDs

Desired Skills: Color Science

- Familiarity with optical lab equipment (integrating spheres, spectroradiometers, photometers, CCD imaging colorimeters etc.)