

## ISP TUNING ENGINEER - NVIDIA

The Tegra mobile processor includes a sophisticated Image Signal Processor (ISP) used for processing still and video images for mobile cameras. The ISP Tuning Engineer will work directly with OEM customers to deliver world-class image quality for high-end mobile camera platforms.

### RESPONSIBILITIES:

- Adjust ISP settings and parameters to meet individual customer image quality preferences.
- Debug image quality issues and work with Architecture and Software teams to come up with innovative solutions.
- Propose ISP and Software enhancements based on real-world customer experience.
- Develop lab and real-world image quality tests, work with test team to capture images, evaluate image quality and propose corrective actions.
- Assist Customer Engineering with camera bring-up as needed.
- Run camera modules through automated calibration system.

### MINIMUM REQUIREMENTS:

- 5+ years of relevant industry experience. Relevant industries include digital cameras, image sensors, computational imaging or digital image processing.
- The candidate should be familiar with a wide range digital image processing algorithms and techniques, as well as image quality metrics, measurement techniques, and optimizations
- Knowledge of embedded or mobile system software a plus
- Working experience on Android and Embedded Linux OS a plus
- Practical experience with camera control and image signal processing is a plus
- Good mathematics skills
- Excellent communications skills. May involve customer interactions
- A strong team player; self-motivated and able to work independently in a fast-paced environment with shifting priorities and changing requirements
- Familiarity with image quality test programs such as Imatest or DXO a plus
- BS/MS Engineering, Computer Science or Imaging

For those interested, contact:

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