

## Senior Color Imaging Scientist – Aptina Imaging

Aptina is a global provider of CMOS imaging solutions with a growing portfolio of products that can be found in all leading mobile phone and notebook computer brands as well as a wide range of products for digital and video cameras, surveillance, medical, automotive and industrial applications. Camera System Group at Aptina consists of a group of talented and highly motivated engineers aiming at developing cutting-edge image processing algorithms for CMOS imaging sensors with applications in 3D imaging, high dynamic range (HDR) imaging, computational imaging, and imaging for information. The Color Imaging Scientist will help to develop color imaging solutions for CMOS cameras, evaluating internal and external color imaging technologies, and supporting the customers to solve color related problems.

### Job responsibilities:

- Develop color algorithms for camera pipeline blocks such as auto white balance, color shading, and color correction
- Develop novel color rendering solutions for pictorial and machine vision applications
- Evaluate color and image quality performance of existing pipelines through simulation or lab testing and driving performance improvement
- Track cutting-edge color imaging technologies and consult management and marketing teams on color imaging solutions.

### Minimum requirements:

- 3+ years relevant working experience
- Strong technical background and a passion for engineering
- In-depth knowledge of color sciences and camera image processing pipeline
- Practical experience in image simulation and image quality evaluation
- Solid programming experience in Matlab/C
- Experience with hardware/software integration a plus
- Experience with embedded systems a plus
- Excellent communication and technical presentation skills
- Proactive, responsive and keen on processing enhancement
- A strong team player; self-motivated and able to work independently
- MS/Ph.D. in color sciences, image processing, or related fields

### If interested, please contact:

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