

Senior Camera Systems Engineer – Aptina Imaging

Aptina Imaging Corporation 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 Systems Group (CSG) at Aptina focuses on developing cutting-edge image processing algorithms for CMOS imaging sensors with applications in 2D imaging, 3D imaging, high dynamic range imaging, computational imaging, and imaging for information. The Senior Camera Systems Engineer will help validating image processing algorithms and facilitating communications between technology groups and management/marketing organizations

Job responsibilities:

- Bring up sensor or ISP products for system testing
- Set up test scenes and develop test protocols for fit-for-purpose testing
- Perform pipeline tuning for optimal image quality
- Develop automated software test tools for fast and repeatable testing process
- Work with algorithm developers to validate algorithm performance
- Work with pixel and sensor design teams to help identify improvement opportunities
- Work with application engineers and marketing to support customer pre-sale activities
- Write test reports and communicate results to management to help make decisions

Minimum requirements:

- 3+ years imaging system development or testing experience
- 5+ years experience in programming in Matlab/C
- In-depth knowledge of color sciences
- In-depth knowledge of image quality evaluation
- In-depth knowledge of digital image processing
- Experience in hardware/software integration a plus
- Experience in statistical analysis a plus
- Capable of multitasking with shifting priorities and changing requirements
- Excellent communication and technical presentation skills
- Proactive, responsive and keen on process enhancement
- A strong team player; self-motivated and able to work independently
- BS/MS in engineering or computer science preferred

If interested, please contact:

Simon Kershaw, Snr Director System Products
Cell: (408) 533 3353