

Senior Imaging Engineer – 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 Systems 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, array imaging, computational imaging, and imaging for information. The Senior Imaging Engineer will help to develop algorithms for HDR imaging pipeline, and work with architecture and design teams to implement HDR image processing pipeline.

Job responsibilities:

- Develop algorithms for HDR imaging pipeline.
- Integrate algorithms in Matlab system and/or C system environment for system level testing of pipeline.
- Write white papers and test documents for handoff to product groups.
- Work with architecture and design teams to implement image processing functions.

Minimum requirements:

- 5+ years relevant working experience
- In-depth knowledge of camera image processing pipeline
- Experience with HDR algorithms such as tone mapping and linearization.
- Strong technical background and a passion for engineering
- Solid programming experience in Matlab/C
- Excellent communication and technical presentation skills
- Strong team player; self-motivated and able to work independently
- MS/Ph.D. in Imaging Science, Electrical Engineering, Computer Vision, or related fields

If interested, please contact:

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