

From a CIS alum: "I'm working on the Camera Software team at apple and our recruiter has asked me to forward this current opening description to someone in the imaging science department." They are looking specifically for an Imaging Science recent graduate/graduating student.

Software Engineer: RawCamera/Core Image - Apple

Location: Santa Clara Valley, California, United States

Job Summary

We are looking for a software engineer to join the Advanced Imaging team to help develop the next generation imaging technologies with emphasis on digital photography. This candidate will play a significant role in designing and implementing image processing pipeline to ensure optimal quality results. As well as other imaging and graphics frameworks in embedded environments. The responsibilities also include characterizing digital cameras from sensor, lens, to spatial reconstruction and color calibration.

Key Qualifications

- Extensive experience in image processing
- Excellent understanding of digital cameras and techniques to enhance images produced by digital-SLRs
- Ability to excel working with a fast paced development environment
- Exceptional problem solving abilities
- Excellent knowledge of the C-based programming languages
- Experience in OpenCL/OpenGL/OpenGLES programming
- Good communication skills

Description

The ideal candidate should have demonstrated expertise in some of the following areas of image processing: detailed knowledge of camera internals, Bayer demosaicing, noise reduction, color management, and optical corrections. Prior experience in development of professional image applications supporting RAW formats is highly desirable.

Education

BS in Computer Science or related field.

Contact

Barbara Pitts - bpitts@apple.com