Display Color Imaging Engineer Intern

Job Summary:

The display visual experience team is looking for an enthusiastic color imaging/image processing engineer intern to develop of cutting-edge color imaging solutions and technologies for future Apple products.

This position is focusing on the development, prototyping, and seamless execution of technologies to enable the best front-of-screen user experience of Apple products including iPhone, iPad, Watch, Mac and more. The team features a collaborative and hands-on environment that fosters engineering excellence, creativity, and innovation in the interdisciplinary ares of image processing, color science, vision science, optics, etc.

Key Responsibilities:

Explore novel display application and feature by display module and sensor integration. Demonstrate new display system feasibility through computer modeling and prototyping. Develop advanced image processing methodologies and lead to product implementation.
Guide and provide teams feature and spec input for display image quality definition.

Key Qualifications
Strong engineering background in digital color, image processing and imaging systems.
Knowledge of the human vision system.
Proficiency MATALB or similar simulation and modeling tools.
Strong analytical & critical thinking and problem-solving skills.
Excellent written and verbal communication skills in English.

Preferred Qualifications
Experience of designing and conducting human perceptual related experiment is a big plus. Experience in SDK programming for hardware interface is a plus.
Experience in developing app for iOS is a plus.

Education
Currently pursuing M.S. or Ph.D. in Imaging, Color, Imaging processing, Vision, Computer, Optics Science, EE or equivalent