

SHARP LABS OF AMERICA



Advanced Video and Display Technologies Department in SHARP Laboratories of America is seeking Graduate Student R&D Interns for the summer of 2010.

We are looking for Doctoral or advanced Masters level students with exceptional research credentials and implementation background in algorithm development.

One of our summer projects is a multi-primary LCD display with a color LED backlight. The main goal for the project is to find a set of optimal LED emission spectra and LCD color filter transmission spectra to achieve both wide color gamut and best power efficiency. Extensive simulation will be used to derive the optimal solution. This is an applied research project with intended applications to LED backlight LCD TVs.

An ideal candidate should be a Doctoral or advanced Masters level student at a research university. He/she should have solid knowledge in color science, image processing, and optimization. Hands-on experience with display characterization/modeling and scientific publications in the related areas are strongly preferred. The candidate should also have rapid prototype development capabilities and strong programming and communication skills.

SHARP Laboratories of America is located in Camas, Washington State, near Portland, Oregon, Columbia River Gorge, Mt. Hood, and the Oregon and Washington Coasts. In addition to desirable recreational opportunities, this is an area that has numerous companies active in display and imaging technologies. We offer a competitive salary and stipend package.

Please forward your resume, including a list of your publications and references to xfeng@sharplabs.com.