MTT
Innovation
Incorporated

BARCO

A
BARCO
Company

Imaging R&D Software Engineer

About MTT Innovation

MTT Innovation Inc is an R&D branch of Barco, the world's leading provider of imaging solutions for cinema and professional applications. We are developing a novel form of projection that enables High Dynamic Range (HDR) on the big screen. We also serve as a skunkworks lab for Barco, pursuing new opportunities that make business and technology sense. MTT Innovation recently was announced as a winner of the 2018 Lumière Technology Award of the Advanced Imaging Society for our prototype light-steering cinema projector (https://www.hollywoodreporter.com/behind-screen/dreamworks-animation-ibm-watson-ais-tech-award-winners-1140927).

Who We Need

We are looking to add a software developer to our agile and cohesive R&D team (currently about 15 people). Today, we need someone for implementing plugins for color grading software as well as to assist in developing new approaches for display calibration and verifying geometric and colorimetric accuracy. However, the environment is essentially an evolving and creative R&D environment, and we are each of us multi-disciplinary to some degree; tomorrow there are many possibilities for someone able and willing to branch out into new areas of interesting opportunities in related fields. Depending on your interests, this could include simulations, lab work, running demos of prototype hardware, giving talks, working with film industry professionals, quality assurance, standards compliance, and travel. And lots of coding.

Our minimum requirements are:

1. Solid C++ competence, with at least 2-3 years of experience.
2. _Either_ knowledge of imaging workflows, preferably for post-production or VFX, _or_ a strong mathematics background (or both!)

Other skills that will be useful but are not strictly required include HDR experience, color science knowledge, Matlab, Numpy/Scipy, CUDA and GPU programming, testing and validation, interfacing with and debugging hardware. Super important: that you have a can-do attitude and a collaborative team spirit.

To Apply

Send your resume, with cover letter, directly to Anders.