COLOR ENGINEER

XICATO, the Company
We are a very early stage Silicon Valley based Solid State Lighting Module startup. We are focused on bringing value added solid state lighting modules to the global lighting industry. Xicato’s experienced executive team collectively has more than 70 active years in the (Solid State) Lighting industry, including R&D, Marketing, Supply Chain, Manufacturing, New Business Development and General Management.

CAREER and BENEFITS
We believe in internal promotion against hiring from outside when growing the company. If you deliver and the results are there, the opportunity exists to grow rapidly with the company. At the same time, we provide better than industry-average medical and dental benefits.

THE ROLE
As part of the core team, we have an immediate need for an experienced hands-on value color engineering professional preferably with a background in software development. The position includes responsibility for delivering improved color matching and synthesis techniques, algorithms and software for our LED modules and phosphor systems as well as methods for improved color tuning capability and control in our manufacturing processes. This includes developing techniques and methods that will continuously improve all color aspect of our products while simplifying manufactureability. The successful candidate will be a smart logical innovator preferably familiar with color matching functions, color spectral, spatial and temporal analyses and the interaction between the human eye, colored objects and light source spectral content. This is an excellent opportunity for a highly motivated, communicative and driven person who enjoys a start-up environment and an exciting technology in the rapidly growing LED industry.

EXPERIENCE
- Experience with color engineering, spectral analysis and software algorithm development.
- Hands-on experience with color engineering, color matching functions and human color perception (from working in the lighting, printing, scanner / display hardware, phosphor or related industry).

SKILLSET
- Proficient with MS office and Matlab (or similar package). C++ experience is a huge plus.
- Knowledge of the CIE color system and spectral/spatial color analysis/measurement techniques.
- Fast learner and able to rapidly come up to speed on new technologies.
- Responsible team player with good collaborative skills and the ability to quickly adapt to change.

EDUCATION
MS in optical or electrical engineering, physics or related field. PhD preferred.

If you meet the qualifications and would like to be considered for the position, please submit your resume with an introduction letter to jobs@xicato.com