

Test Equipment Software Engineer (XCT061)

XICATO, the Company Xicato is a young Solid State Lighting company founded by seasoned industry professionals, with offices located in Silicon Valley (California, HQ), London (UK) and Tokyo. Xicato develops, manufactures and globally markets LED modules that simply are functional replacements for traditional lamp technologies, offering all the life and energy-saving advantages of LEDs with no light-technical or aesthetic compromises. Xicato is committed to address the whole broad sphere of the general illumination world, taking on segment by segment with our annual new product launches. Xicato is being built by a team of outstanding employees with diverse backgrounds that have a lot fun accomplishing amazing amounts of important work.

BENEFITS and CAREER Our competitive compensation package includes a solid base and of course an attractive option plan. In addition, we provide better than start-up-average medical and dental benefits and an optional relocation package. We prefer to hire/promote from within, meaning that if you consistently deliver results, the opportunity exists to grow rapidly within the company, whether it is in a leadership or an expert role. We need both.

THE JOB We have a need for an Test Equipment Software Engineer in our San Jose Office. You will make certain that our test-system infrastructure is maintained, expanded and clearly documented. You will do this by developing programming strategies in line with existing infrastructure and future demands. You are then expected to lead the projects and other activities including hands-on programming. We do not expect you to travel significantly, but occasionally travel to our manufacturing sites and relevant conferences might be required. This is an excellent opportunity for a highly motivated, communicative, inquisitive, and driven person who enjoys the start-up environment of a fast growing solid state lighting company.

PRIMARY OBJECTIVES

- Expand, improve and maintain Xicato's state-of-the-art test-systems' infrastructure

EXPERIENCE (musts)

- Programming C, C++ and MySQL in a Windows XP environment
- Test equipment control using RS232 & USB protocols
- Python/PHP scripting & HTML
- Subversion Version Control and quality control documentation

EXPERIENCE (wants)

- Micro-controller, PLC programming and Automated Test Equipment control
- Analog/Digital PCB design
- Optoelectronic testing (with Spectrometers, Integrating spheres, Goniometers, etc.)

SKILLSET

- Creative Software/Hardware/Firmware Engineer with experience in the design of software architectures, device drivers and communication protocols for automated test and measurement equipment
- Extensive experience in process-driven software development and testing
- Experience with Client/Server systems and micro-controller development for production testers
- Excellent oral and written communications skills

EDUCATION

PhD in Computer Science, Software Engineering or Electrical Engineering

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

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