

Job Offer

Imaging Systems Developer at [IUL.S.A.](https://iul-instruments.com/)

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Scope

Development of instruments for clinical tests and biological sample handling
Measurements based on light/image acquisition and analysis

Job Functions

Engineering position devoted to design, prototyping and industrial development of:

Scene lighting setup
Image acquisition (cameras and lenses)
SW image conditioning and processing
Mathematical and statistical analysis/processing of measurements

Required Skills

Understanding and experience is required in the following knowledge areas:

Radiometry
Colorimetry
Geometrical optics
Camera sensors
Image processing
SW development of image processing algorithms
Digital signal processing
Mathematical and statistical data analysis

Additionally, knowledge in the following fields will be valued:

Chromatography
Motion control (DC motors, stepper motors, encoders)
Theory of control (PID control, stability)
Robotics
Uncertainty management
Statistical process control (SPC)
Python programming
C/C++ programming
Microcontroller programming

Languages

Fluency in technical English is a must

Academic degree

A degree, engineering or master is required in some of the following areas:

Physics
Optics
Electronics
Software
Mathematics

Seniority Level

Entry level

Employment Type

Full-time

Contact data:

Send CV by E-mail to: vfont@iul-inst.com