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## JOB OPENING

### Product and LabVIEW developer

#### COMPANY

Luz Wavelabs is a spinoff company focused on design, development and commercialization of Photonic and Terahertz systems. We are located at Science Park of Universidad Carlos III de Madrid (Leganés, Madrid, SPAIN).

#### TASKS

##### **Advanced LabVIEW programming**

- \_\_\_ Subsystems integration and algorithms.FPGA and real-time (RIO platform mainly).
- \_\_\_ User Interfaces. Application builder. Network based communications and web services (multi-platform user interfaces).

##### **Electronics**

- \_\_\_ Intermediate design and implementation of analog and digital circuits.

##### **Mechanics**

- \_\_\_ Product mechanics design (enclosure, front panels...).

##### **Hardware and product development**

- \_\_\_ Test and calibration. Development and execution of test routines.
- \_\_\_ Global product development from design to client delivery.



## MANDATORY FOR THE POSITION

- \_\_\_ Master Degree (or equivalent) in Industrial Engineering, Electrical Engineering, Physics or equivalent
- \_\_\_ LabVIEW CLD certification or equivalent demonstrable experience. FPGA, Real Time demonstrable experience.
- \_\_\_ Demonstrable experience in product development.
- \_\_\_ Intermediate digital and analog electronics design, implementation and test.
- \_\_\_ Basic PCB design skills.
- \_\_\_ Basic mechanical design skills (Autocad, Solidworks or equivalent).
- \_\_\_ Fluent in English.
- \_\_\_ Motivated, problem-solver, quick-learner, autonomous, transversal skills and knowledge, efficient worker.
- \_\_\_ Curiosity for R&D and new technologies.

## ADDED VALUE TO YOUR APPLICATION

- \_\_\_ Photonics experience as researcher, developer or user is desirable.
- \_\_\_ LabVIEW based advanced user interfaces experience is desirable. Application builder, network communication, web services based interfaces.
- \_\_\_ Microcontroller programming experience (PIC, mbed, ARM...).

## WE OFFER

- \_\_\_ Career development in a young and rapidly growing high-tech company
- \_\_\_ Competitive salary and permanent contract
- \_\_\_ High commitment for work-life balance
- \_\_\_ Agile, flexible team and work environment
- \_\_\_ Exciting state-of-the-art technology development
- \_\_\_ Continuous training
- \_\_\_ Free coffee

## CONTACT

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