JOB VACANCY

ABOUT VLC PHOTONICS

VLC Photonics was born in 2011 as a technological spin-off company from the Technical University of Valencia.

The company now focuses its solutions around the photonic integration technology. It is a world pioneer in the design house business model, providing all kind of services related to this technology: engineering consultancy, optical chip design, chip testing, and brokerage for manufacturing and packaging subcontracting. Check our website for more info.

PHOTONIC INTEGRATED CIRCUIT DESIGNER

VLC Photonics is a young and very dynamic company, now searching for a new member to be added to its growing team.

REQUIRED BACKGROUND/EDUCATION

Engineering degree on Physics, Telecommunications, Microelectronics/RF, Optics/Photonics, or similar.

REQUIRED SKILLS

- Knowledge of optics and photonics technology. Master or Ph.D. in Optics/Photonics, or in Semiconductors.
- Photonic integrated circuit (PIC) design skills (PhoeniX/Rsoft/Synopsys, Photon Design, IPKISS/Luceda, Lumerical, VPI, etc.)
- Matlab/Octave, Python user knowledge.
- High level of English (fluent B2 minimum). Having lived abroad will be highly valued. English interview.
- Very pro-active, versatile character.
- Organized, capability to deal with tight deadlines.
- Good analytic and communication skills.
VALUABLE SKILLS

- Practical experience on an optical laboratory, measurement equipment and tools, PIC characterization and test skills.
- PIC fabrication-packaging knowledge.
- Experience in customer and project management.
- Availability for international travelling.
- Experience in photonic integration technology and its ecosystem.
- Any other extra language (e.g. French, German, Dutch, Chinese, Russian). Spanish not strictly needed but recommended.
- Microsoft Office or LibreOffice suites, medium-advanced knowledge.
- Linux user knowledge
- Good international networking skills and available professional network.
- Ambition for growth and expansion.

POSITION RELATED TASKS

- Technical design activities in the field of photonic integration.
- Foundry and software provider interfacing.
- Supervision of technical tasks performed by technicians, interns and/or other less skilled technical personnel.
- Collaboration in the preparation of customer and R&D proposals and projects.
- Customer management: teleconferences and meetings, project management.

VLC Photonics offers a stimulating and varied work environment in a young but growing high-tech business start-up, located at an attractive international city in the Mediterranean coast (300 sunny days a year). Cost per living in Valencia is very affordable compared to other Spanish or European large cities (check). Additionally, VLC Photonics offers continuous education and training in all technical activities, and provides free or low-cost access to certified courses in many areas through the Permanent Training Center (CFP) of the UPV.

Interested candidates please forward the CV and presentation letter at careers@vlcphotonics.com for evaluation, indicating in the subject “Photonic Integrated Circuit Designer position”. 