

Junior Engineer

Viobio Lab – Instituto de Óptica CSIC

The Visual Optics and Biophotonics Lab (<https://vision.io.csic.es/>) from Instituto de Óptica, CSIC, offers a unique opportunity to join the *Caixa Impulse - SureVision - CI24-30165* innovation project, a cutting-edge innovation in vision care technology; PI: Víctor Rodríguez. (<https://caixaresearch.org/es/convocatoria-caixaimpulse-innovacion-salud-2024-dispositivo-prescripcion-visual>)

Salary: depending on the experience and academic training.

ABOUT THE PROJECT

The SureVision project (<https://www.surevisiontech.com>) is a high-impact research initiative with the potential to revolutionize the vision care industry. We have developed a disruptive vision prescription device that makes the process faster and more precise, significantly improving its efficiency. This project is not only a scientific breakthrough but also an exciting business opportunity to bring cutting-edge technology to market.

We are looking for a passionate young engineer who wants to work at the intersection of science, technology, and business. This role offers a unique opportunity to be involved in both technical development and the commercialization process, and to contribute directly to the growth of a high-potential product in the field of optical technologies.

RESPONSABILITIES

- Design, development, and implementation of hardware solutions for a medical device that will transform the visual prescription process.
- Assembly and soldering of electronic and optical components to ensure high precision in the development of the device.
- Participate in technology transfer activities and work with the team to bring innovation to the market.
- Prepare detailed technical reports and documentation.
- Support the continuous improvement of the product and contribute to its adaptation to real clinical applications.

REQUIREMENTS

- Bachelor's degree in Biomedical Engineering, Industrial Engineering, Electronics, Robotics or similar.
- Programming skills in languages such as Python, Matlab, Arduino and similar environments.
- Strong enthusiasm for innovation and applying research to real-world scenarios.
- Versatility and problem-solving skills, with a strong interest in working in a dynamic, collaborative environment.
- Fluent in English (both written and spoken).

DESIRED

- Previous experience and/or specific training in medical device development, particularly in the field of vision, will be highly valued.
- Previous experience in R&D projects, especially those focused on technology transfer, is a plus.
- Hands-on experience in soldering and assembling complex and delicate components is a strong asset.

OPORTUNITIES

- Be part of an innovative research project with high potential to disrupt the visual optics and medical device industries.
- Join a dynamic, ambitious, and fast-growing team working at the forefront of optical technologies and entrepreneurship.
- Work in a high-impact laboratory with a global reputation for excellence in visual optics and biophotonics.
- Develop your technical and business skills by contributing to both the product development process and the commercialization strategy.
- Play a pivotal role in technology transfer activities, helping bring a groundbreaking product to market.

If you're ready to make a real impact, please send your CV and a brief expression of interest to Víctor Rodríguez, Principal Investigator of the project. Email: victor.rl@io.cfmac.csic.es. Please, include in the subject 'Junior Engineer'.

Recruitment will be carried out through the CSIC job bank.
<https://sede.csic.gob.es/servicios/formacion-y-empleo/bolsa-de-trabajo>