Vacancy: C/C++ Programmer - Internship

ASE Optics Europe is an innovative and dynamic company based in the vicinity of the vibrant city of Barcelona focused on the development of custom optics and integrated optical systems. We currently have an ANSI C/C++ programmer internship vacancy. The successful candidate will be involved in a great variety of projects cutting across fields as varied as medical, scientific or security with one common theme: light.

We are looking for an ANSI C/C++ programmer trainee or recent graduate with an interest in image processing, hardware control, systems design, library development, and systems assembly and integration. We are looking for a motivated individual to work in a multi-disciplinary team on our on-going and future projects. The candidate should demonstrate ANSI C/C++ programming skills on Windows and Linux systems, with use of Git. Knowledge of the use of API libraries for hardware control will be a plus.

Time management skills are essential to meet project deadlines. Knowledge in electronics, optics, and/or optomechanics will be a plus.

The successful candidate will have the opportunity to grow professionally in a team of optical engineers and image processing experts, and a high level of independence and initiative will be required.

Responsibilities:

- Development of hardware-control software
- Documentation
- Versioning
- Integration, debugging and test

Requirements:

- ANSI C/C++
- Knowledge in systems (hardware) configuration, control and calibration
- English and Spanish

Preferred:

- Git knowledge
- Knowledge in electronics and systems integration

Benefits:

- Inclusion in a motivated multi-disciplinary team
- Innovative work, always at the forefront of technology
- Opportunities for training and personal development

Type of contract

- Paid internship (academic and non-academic internship)
- Initial duration: 3 months
- Level: entry level. Recent University Degree graduate or equivalent

Submission of applications

Interested professionals should send their **CV and cover letter** using the following channel:

- Submission form in our WEBSITE

All the applications and emails received through other channels will not be considered.