

Software developer position available in sunny Cyprus

Olyseus Innovations is looking for a talented Software Developer to join our team, to participate in the EU-funded I-Seed project which seeks to develop a new generation of self-deployable, biodegradable, soft miniaturized robots endowed with fluorescence sensors which take inspiration from the morphology and dispersion abilities of plant seeds, to support in-situ monitoring of environmental parameters in air and topsoil and extent existing sensor frameworks.

Olyseus Innovations, a Cyprus based SME, will work in close collaboration with an international multi-disciplinary research team from Italy, Germany and the Netherlands combining expertise from bio-inspired robotics, material science, Artificial Intelligence (AI), and remote sensing.

Olyseus Innovations is leading the development of the embedded real-time data processing capability of the UAV fluorescent LiDAR system, employed to detect the miniaturized soft robots, and the intelligent autonomous flight controller that will automate and adjust on-the-fly the flight pattern for target detection and fluorescent signal reading.

Are you already a strong C++ programmer who likes these kinds of challenges? Do you like to be out of your comfort zone and push your limits? Look no further, this job is for you!

Experience with Qt, Python, CUDA, OpenGL, Vulkan, and remote sensing technologies is desirable.

We use Qt Creator on Linux and Visual Studio on Windows, but you remain free to use whatever text editor or IDE that suits your needs, coding habits and style. We use git for version control, and it is essential that you have git experience.

You are not overqualified. Your age is only a number. It doesn't matter if you're just out of college or your children are; we need you for what you can do.

Join us and be a corner stone of I-Seed's success.

Your Git Commits

Candidates should have a strong track record of git commitments to projects, reporting issues, writing projects' documentation and/or code review. In your application, please provide proof of this experience.

Responsibilities

- Creating high-quality code
- Delivering software design and architecture
- Work with the team to write design specifications and effort estimations

- Maintaining and developing standards of code design, implementation, testing and documentation

Requirements

- Proven work experience in designing and developing end-user commercial software products
- In-depth knowledge of C++
- Solid understanding of fundamental software engineering principles
- Experience with a range of software development activities such as agile methodologies, peer reviews, revision control and unit testing
- Ability to work as part of a team and meet deadlines
- BSc degree in Computer Science, Engineering, or relevant field
- Full professional or native-level proficiency in English (verbal and written)
- To have the right to live and work in Cyprus.

What we offer

- Competitive salary
- Small, friendly company
- Flexible working hours for best work-life balance

How to apply

Send us a Curriculum Vitae and a concise Cover Letter at admin@olyseus.com
Please also provide two references.

About Olyseus Innovations Ltd.

Located in the heart of Limassol, we are a team of software professionals and a scientist specializing in innovative solutions using LIDAR technology. We are developing and offering solutions for problems in active global research, including (but not limited to) automated media annotation, autonomous systems, machine learning, measuring uncertainty calculations on user-provided equations, efficient handling of point cloud data, cross-platform user-friendly user interfaces, and innovative software architecture that provides the modularity necessary for easy integration of a wide range of hardware devices.

We are determined to unlock the possibilities provided by the latest sensor technologies, and storage hardware products.