

Sample Placements

The placement descriptions below are samples of previous internships. We cannot guarantee that interns will have exact responsibilities or tasks described in these examples. Job descriptions vary according to the company's needs and ongoing projects.

Environment, Green Tech, & Sustainability in Valencia

Urban Planning Intern

ORGANIZATION PROFILE

An architect studio company that develops a variety of projects including residential, sports complex and we also do urban planning projects for towns and councils. An architect studio in Spain is quite different to any other country due to the fact that different areas are studied, including: design (architectural projects), construction, structures, aesthetics, urban planning legislation, economy and management, installations (like plumbing, electricity, etc). Therefore in Spain, an architect can develop an entire project by himself from design to installations, structure, and project management.

POTENTIAL TASKS

The intern will be supporting the studio in multiple areas. Urban planning alone is a complex matter for any student that is not familiar with the legislation rules (General Plan modifications, Special Plan for reforms, ...) For this reason, the student will be assisting the different members of the team on field work, measurements and based on his/her technical skills, academic background and knowledge, he/she will be able to participate on other projects and activities that require Revit, AutoCad, 3Ds, luminion. The student should be comfortable in an architect studio environment, willing to do field work and aim to learn inside a technical industry. We expect our Intern to come ready to work on a growing and professional company with unlimited potential. Behaviour and proactiveness is a must.

Architecture Intern

ORGANIZATION PROFILE

An architecture studio and research studio of contemporary architecture (second half of the 20th century). At the present, along with current restorations for homes and offices which are already in process, we have new projects underway. Apart from these projects, we also carry out research to publish articles in specialized magazines and presentations of various architecture conferences.

POTENTIAL TASKS

(Example of a past project): In the upcoming weeks we will be working on various projects, which the intern will be able to help do research for, they include the following: - Article for Ibero-American congress "Ciudad Sostenible" (Sustainable City) 2019 - Find more info here: <https://ciudadostenible2019.blogs.upv.es/> -Publication for GODB (a famous architecture studio in Valencia in the 1970s) about Spanish architecture in the second part of the 20th century -Traditional Japanese architecture and its influence in various Spanish buildings Some other tasks and projects the student can collaborate with: - Work on technical drawing of plans and elaboration of constructive details for interior designs - Support with furniture design for interior design projects - Elaboration of demos and 3D images - Visits to works in progress for renovation projects - Observe the complete process of the architect, from the design to the building

Environmental Engineering Intern

ORGANIZATION PROFILE

The intern will be assigned to tasks both in the field (alongside colleagues) as well as in the office. These tasks will include: - Following up and tracking the mortality of birds in several wind farms within the Valencian region - Drafting environmental reports - Conducting research studies and analysis of the environmental conditions associated with the installation of wind farms and solar plants - Working outside at various plants and stations, within and outside of Valencia (which in this case the intern would stay overnight in a hotel, paid for by the company) - Supporting current projects the company are working on such as: The impact on the environment, landscape and historical-cultural heritage of several solar power plants. These are just a few of the projects that are going on right now, so the intern will be involved with these projects as well as many more. The intern's skills and interests will be taken into account, as well as their capabilities and the supervisor's demands for them.

POTENTIAL TASKS

An Engineering firm founded in December 2017 by forestry technical engineers, who have more than 20 years of experience working in the sector of renewable energy, as well as specializing in project development of renewable installation, accompanying promotions and assisting with the environmental management of installations at the preoperational and operational phases. This knowledge has allowed them to make massive progress since they were founded, managing projects all over the country and internationally too.

The projects they manage have included:

- Studies conducted on environmental impact and the archaeological conditions of solar photovoltaic plants
- Studies on landscape imprint for solar parks
- Environmental and archaeological documentation processing of various solar plants

They offer private companies an integrated consulting and management service around environment, territory and natural resources planning and urban development, understood as a pivotal planning point. Its team is formed by professionals capable of providing an

integrated and comprehensive vision regarding the analysis, study and evaluation of choices and project management. They come from top-rate consultancy firms where they have specialized in sustainability, territorial strategic planning, infrastructure, renewable energies and the integrated project management. They offer strategic and environmental planning, with sustainability and technical feasibility, as well as management in the setup and development phase of projects or even long-term technical assistance in the monitoring and operational control for ongoing projects.

Sustainable Development & Engineering Intern

ORGANIZATION PROFILE

This organization is a professional private services company that specializes in sustainability and new scenarios derived from the 21st century's economy. They specialize in developing projects based on the sustainability for different stakeholders at local, regional, and international level including public administrations, medium and big industrial enterprises, education, sectorial associations, etc. Our vision is orientated to the creation of personalized projects, so that each of our customers makes it responsible commitment for a successful, effective, and sustainable businesses. Our experience in matters related to the relationship with social groups, environmental protection, sectorial collaboration, or the institutional cooperation, position us as a reference company having one of the best professional advice in the field of sustainability.

POTENTIAL TASKS

The scope of the placement will be focused on environment and sustainability, including different subjects like: impulse to the circular economy, Sustainable Development, waste management & environmental communication. Some specific tasks could include:

- Collaborating in the creation of projects and strategies based on urban sustainability, that offer answers to environmental challenges in cities (working in topics as sustainable food, waste management, education for the sustainability...)
- Writing contents related with environmental aspects (pollution, waste management, microplastics, emerging contaminants and substances, etc)
- Research information and create projects about European and international initiatives in circular economy, SDG, blue carbon

The intern will be in permanent collaboration with the responsible person on the part of this organization, being a part of a team and working on real projects. At all times, the intern will be able to suggest new subjects of work, accordant with his capacities and interests based on environment and sustainability.

Environmental Research Intern

ORGANIZATION PROFILE

This organization is a center of research, development, and technological innovation that aims to improve the natural environment in the Mediterranean. They offer comprehensive proposals for environmental management companies in the domains of the atmosphere, ecosystems, and human activities, that offer sustainable management options that adapt to Mediterranean conditions. Their team includes experts in meteorology and climate who research atmospheric chemistry and atmospheric pollutants dynamics, the carbon cycle, ecosystems dynamics, fire ecology and forest restoration. During more than 20 years of research, this team has applied its knowledge and experiences to forecast extreme meteorological events. Their activities range from basic research to finding solutions for top priority environmental problems, to the development of new technologies and applications in the meteorology field.

POTENTIAL TASKS

In this role you will be responsible for a variety of tasks suitable to your personality and skills relating/including the following but not limited to:

- Air sampling: Preparation of samples and devices for analysis of pollutants in air
- Determination of carbonylic compounds by HPLC
- General tasks in laboratory
- Participation in experiments at EUPHORE chamber
- Participation in field campaigns within LIFE Photocytex project