Optronia lives at the intersection of technology, data science and biodiversity. Our mission is to make optical sensor technology useful to protect our environment, climate and biodiversity. Our team combines expertise in optics, software and electronics to improve the health and well-being of our environment. We are developing the infrastructure and solutions to harness the potential of smart sensor technology. Our optical solutions span three primary areas: smart farming, environmental engineering and industrial applications. We offer exciting opportunities in a multinational work environment with English as our company language.

Mechatronics Design Engineer, Sensors

As a Mechatronics Design Engineer, you will be part of a energetic team of embedded system engineers, software engineers, and data scientists. Together we create sensors for the future of agrotechnology. Being responsible for designing the electro-mechanical set-up, you will be central to the implementation of prototypes, manufacturing transitions and successful market launch.

Responsibilities

- Coordinate and implement technological concepts and structural requirements in an agile team environment.
- Design electromechanical assemblies, with careful consideration of performance, usability, reliability,
- cost and manufacturability.
- Assemble and test demonstrators and prototypes in the laboratory and present your achievements.
- Collaborate with manufacturing and external partners to de-ne manufacturing and assembly processes.
- Prepare concepts for acceptance tests and quality assurance.
- Generate technical documentation.

Minimum qualifications

- BS degree in mechatronics engineering or similar field.
- Profound work experience in designing electromechanical products.
- Proficiency using CAD and PCB design software.
- Self-driven with the ability to excel in a multi-disciplinary and focused team environment.

Preferred qualifications

- Experience with optical sensor and/or robotics is a strong plus.
- An in-depth understanding of electrical components, wiring, and troubleshooting of electronic systems.
- Hands-on experience with 3D printing, machine shop tools, solder stations etc.
- Experience with manufacturing technologies for optics, electronics and mechanical components.

Salary will be determined based on professional experience;
the formal minimum salary according to Austrian Collective Agreement is EUR 37560 p.a.
We look forward to receiving your application at jobs@optronia.com.