



# Machine Learning Intern

## ABOUT US

We are I2S SA, a world leading company in aquaculture software and solutions. Our customers are across the globe, from Americas (North & South), to Europe, Middle East and Africa. Helping our customers manage their needs through technology, while contributing towards a more substantial and environmental friendly aquaculture is our passion! To do that, we conduct research and development across Software, Hardware and Equipment, Electronics and Sensors, Machine Learning, and more, and we are constantly looking for talented people to join our [aquaManager](#) team!

## WHAT YOU WILL DO

We are developing a smart camera for aquaculture. This will help us automatically track and monitor many important data about fishes: feeding level via pellet detection, fish behavior analysis (movement, appetite), detection of diseases, net problems, holes, etc. This involves a large amount of advanced Machine Learning and Computer Vision: object detection, tracking of objects, scene perception, and more. You will be involved in many of these tasks, and develop algorithms that combine multiple methods, with extensive model training and evaluation. Moreover, we always work with real-world data, and try to solve problems on the real world. Therefore, a fair amount of data labeling and cleaning, going on site to inspect the camera performance, model validation and ML Ops are also involved!

## ABOUT YOU

- Currently studying Computer Science, Electrical Engineering, or similar.
- Programming experience, especially in Python.
- Basic understanding of Computer Vision algorithms and camera properties.
- Some maturity on building algorithms (also involving math, data structures, etc.), analytical thinking.
- Basic knowledge of Machine Learning. Experience with a framework such as Pytorch or Tensorflow / Keras is a plus.

- Passion for solving actual, real - world problems, being "hands on" and self - organized / proactive is the most important!

This list is indicative, but not exhaustive. If you don't have some of these yet, but you are a fast learner, and believe that you can do it and tackle hard problems, then feel free to contact us. In general, if you believe this role is a good fit for you and your career, then let's talk.

What we are truly looking for at the end of the day is people who genuinely care!

## **BENEFITS**

We offer an excellent, team - based work environment, competitive salaries, and the opportunity to work on important and challenging problems and gain valuable experience. Moreover, Internships can always be extended to a full - time position.

**Send us your CV at [i2s@i2s.gr](mailto:i2s@i2s.gr) referring the code "ML\_INT\_S22"**