

Machine Learning / Computer Vision Engineer at UDE



Are you motivated by using AI and ML for making a positive impact on people and cities? Are you passionate about working with large datasets and real-time information? We are looking for a Computer Vision and Machine Learning Engineer to be part of our team in Madrid.

You will be one of the first UDE team members, leading efforts towards the Computer Vision feature of our product so you will have a decisive impact on shaping our culture, product and future team. As part of UDE, you will develop and improve our core image processing pipeline. You will contribute to the architecture and training of our algorithms, combining deep learning and traditional computer vision approaches.

Join us and work on high impact projects for clients as exciting as Airbus, the City of Pittsburgh or Fortune500 companies. We are a small team of architects and computer scientists who just finished the Arcadis City of 2030 Accelerator, Powered by Techstars in Amsterdam. UDE provides retailers, manufacturers and cities actionable data to optimize their large spaces using AI.

Just check out our demo:

<https://youtu.be/538plq788b4>

What will you do:

- Improving the performance, automation and training model of UDE to drive the strategy of the company in the Computer Vision task.
- You will undertake tasks related to Object Detection and tracking using Deep-Learning frameworks.
- Implement Deep-Neural-Networks in the product pipeline for the newest GPU and TPU platforms.
- Research and develop the future features of UDE's product plus coordinating the data labelling of our growing datasets.

What are we looking for:

- You have a MSc in Computer Vision / Machine Learning
- You have already worked with detection architectures such as Darknet, Tensorflow or MxNet (fine tuning, tracking, feature extraction, etc.).
- You have participated in image labelling for classification and detection.
- You are an expert with Python.
- You know your way with C/C++.
- You have experience developing production-level code.
- Familiarity in Cloud.

Other skills that we value :

- PhD in Computer Vision / Machine Learning
- You have already worked extensively with traditional Computer Vision / ML algorithms
- You have worked with real-time data (RTD).
- You have worked with large datasets.
- You have scalability in mind when developing your apps.
- You have team-first in mind and like to work in a very collaborative environment.
- You have previously led teams and have good organizational skills.
- You are proactive and like technical challenges.
- You want to join a fast-growing startup with new challenging and interesting projects coming in constantly.

We offer :

- An opportunity to share our collective success by owning a part of UDE depending on experience, abilities, and role.
- A leadership role and independence on your end.
- Depending on skills, being part of UDE's decision making up to the highest level.
- Exciting projects that make a good impact in society.
- To work with the team in beautiful and fun Madrid.
- A thrilling work environment with technical colleagues that value quality and proficiency.
- Flexible hours and supportive team that understand that everyone is peculiar.



ABOUT URBAN DATA EYE

UDE (Urban Data Eye) diagnoses any large space using AI.

UDE is a startup that uses Computer Vision and Machine Learning to process automatically and in real time the images of any CCTV camera to extract segmented, geolocalized and anonymous data so managers of large spaces (municipalities, retailers or manufacturers) can make data-driven decisions.

We are an equal opportunity employer and we value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status or disability status.

<https://urbandataeye.com/>

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