Computer Vision Engineer – Full-Time

January 2023

About VisionTrack

VisionTrack is Europe's leading provider of cloud-based video telematics and our focus is to ensure we continue to provide the best full-featured video telematics solutions to serve the growing market demand for video-enabled telematics systems.

We have won more than 40 awards for innovation in the past six years and are dedicated to improving road safety and reducing insurance claims costs whilst assisting fleet operators to improve asset tracking/utilisation, fleet optimisation, regulatory compliance, and security.

Our multi-award-winning telematics platform has been built using the latest technologies that can locate a vehicle in real-time with live video and analytics. The cloud-based solution has evolved to connect to any third-party system and is the most innovative and leading video telematics platform available on the market.

Overview

We are looking for **developers with experience in computer vision applications** to join one of our agile development teams. We try to avoid silos of knowledge so the role will involve working in all areas of the solution but with more emphasis on computer vision applications deployed on our Autonomise cloud platform. We are looking for someone who can fit into this way of working, so knowledge in Agile / DevOps working practices, including SCRUM and Continuous Integration & Continuous Delivery is essential, along with the ability to follow and promote best practices in these areas.
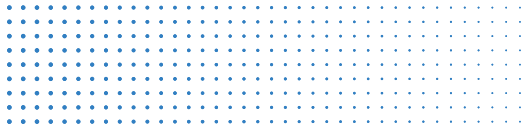
t +44 (0) 1246 225 745
e info@visiontrack.com
w visiontrack.com
s support.visiontrack.com

○ VISIONTRACK

Apply now

Qualifications:

Essential Skills:

- Python programming experience
- Familiarity with Linux / Linux Ecosystem
- Previous experience in the development and use of Convolution Neural Networks (CNNs) for machine vision and image analysis applications
- Experience with large-scale data sets
- Experience with open-source machine learning platforms such as Keras / TensorFlow or PyTorch
- Ability to develop using rapid prototyping techniques aimed at demonstrating applications quickly in a fast-moving environment
- Agile / DevOps
  - Familiarity of SCRUM
  - Familiarity of DevOps Continuous Integration / Continuous Delivery practices
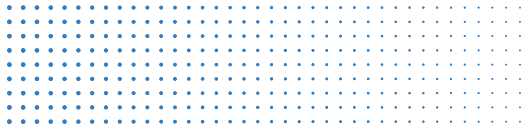
Desired Skills:

- Azure
  - Azure Functions / Serverless Architecture / Microservices
  - SQL databases
  - EventHub
  - Redis
  - Cosmos DB, or other No SQL databases
  - Automation, Powershell / ARM templates
  - Application Insights
  - Azure Search
  - Resiliency – Availability Sets, Availability Zones, Region Paris
- IoT experience
- .NET, C#
- DevOps CI / CD working / best practices. Automation first approach
- TeamCity, Octopus Deploy
- Git, including GitFlow & Pull Requests / Peer Reviews
- ReactJs, Jest, ESLint, Sinon, npm, webpack
- Working with geospatial data

t +44 (0) 1246 225 745
e info@visiontrack.com
w visiontrack.com
s support.visiontrack.com

Apply now

VISIONTRACK

- Azure Big Data technologies, DataLake, SQL Data Warehouse, Azure Databricks
- Media decoding
- Academic background in a scientific or technical discipline with some formal computer vision / machine learning content

What are we doing to help us build a thriving, inclusive community?

Our ambition is to build a more diverse, equal and inclusive workplace for everyone and we have a mission statement in place to reinforce our commitment. However, that's the easy part!

Our key challenges are...
- How we continue to nurture positive behaviours in our own culture to foster healthy, happy and collaborative colleagues where performance is recognised and differences celebrated.
- How we strive to build our own internal community to better reflect the diverse communities we serve.

To help us achieve this, we have recently established an employee network called **#WeAreMarkerstudy** – a body of proactive colleagues with diverse interests and experiences, who have volunteered themselves to be part of a driving force for positive change.

Change won't happen overnight or without the support of our colleagues, but we are now in a good position to make realistic and manageable plans in order to see them flourish in the future.

To apply, please send your resume and cover letter to erinlong@markerstudy.com.

t +44 (0) 1246 225 745
e info@visiontrack.com
w visiontrack.com
s support.visiontrack.com

VISIONTRACK

Apply now