Artificial Intelligence on Edge

DotVision

INTERNSHIP OFFER
Open internship position for AI/Software engineer at DotVision Lab near Paris, France

On the BlueForest team, we build high scale services that ingest, aggregate and query near-real-time metric data. One of our mission is to develop models to analyze and forecast motion time series.

RESPONSABILITIES

As a member of our team, you will be in charge of building a ONNX import library to our Blue Panda RTOS, targeting embedded architecture such Micro-Controller.

AI-enabled IoT devices take the concept of OT to the next level by combining data inputs to drive intelligent real-time decision. Edge computing shifts the collection, storage and analysis of data collected from IoT devices for real-time decisions away from the cloud

This position is for someone who is

- Passionate about distributed systems and building high scale services
- Enjoys the challenge of pushing big data while driving real-time latency.
- Loves new technological challenges and excels at solving them
- Excels at identifying bottlenecks and engineering solutions for performance sensitive data pipelines

ONNX

Open **N**eural **N**etwork E**X**change (ONNX) is an open ecosystem that empowers AI developers to choose the right tools as their project evolves. ONNX provides an open source format for AI models, both deep learning and traditional ML. It defines an extensible computation graph model, as well as definitions of built-in operators and standard data types.

QUALIFICATIONS

Required Qualifications

- Few years of development experience
- Strong AI and DSP understanding
- 2+ years of experience with C, C#
- Solid design and coding skills with a bias for architecture at scale
- Experience creating, developing, delivering

Desired qualifications

- Cross-platform experience developing software for Windows and Firmware for MCU
- Broad outlook on current metrics & telemetry stacks, protocols and open source projects in that area such InfluxDB, Grafana

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DotVision is a pioneer in digital outdoor sports. **DotVision** designs, produces and distributes tracking, security and real-time analysis solutions. DotVision Motion's line of products and applications specifically bridges the gap between digital lifestyle and passion for outdoor sports.

DotVision's deep technological expertise is also leveraged by leading intelligence, police and military agencies through specific cutting-edge tracking and monitoring solutions targeted at the most demanding, mission critical and secured environments.

Dotvision can tap into 10 years of experience processing no less than 10B GPS location data points from athletes and assets all over the world, including the most remote locations.