Senior Deep Learning Engineer

Job Description:

As a member of the Restb.ai team, you will research, design, implement, optimize and deploy deep learning models to continuously evolve our AI ecosystem. The usual day-to-day tasks include implementing new neuronal network architectures, reading deep learning code/papers, training them in our data, review performance metrics, work with IT and platform engineers to integrate and optimize the models to run efficiently in our platform and continuously iterate and improve based on real-world performance. A strong candidate will ideally possess at least one strong expertise in the following areas and at least a familiarity in others.

As a member of the tech team of the company, you will be actively collaborating with the AI, IT, Product, and the different business team members.

The role will be completely in **English** and any CV's/resumes in other languages will not be considered.

Main duties and responsibilities:

- Develop and train state-of-the-art algorithms to perform visual recognition tasks, such as segmentation, detection, and classification at scale on multi-million image datasets.

- Integrate deep neural networks and the associated preprocessing and postprocessing code to run efficiently on our platform devices, including different GPU architectures.

- Work closely with IT to ensure the development of highly scalable solutions.

- Work closely with Product and business teams to ensure a strong synchronization between AI and customer-faced requirements.

- Optimize production AI models used by enterprise customers and partners.

Desired skills and experience:

- The team operates in a large-scale distributed platform. An ideal candidate has strong software engineering practices and is very comfortable with Python programming, debugging/profiling, and version control.

- We train neural networks to work at scale. An ideal candidate is very comfortable in cluster environments and understands the related computer systems concepts (CPU/GPU interactions/transfers, latency/throughput bottlenecks during training of neural networks, CUDA,

pipelining/multiprocessing, etc).

- We are at the cutting edge of deep learning applications. The ideal candidate has a strong understanding of the under the hood fundamentals of deep learning (layer details, backpropagation, etc). Additional requirements include the ability to read and implement related academic literature and experience in applying state-of-the-art deep learning models to computer vision (e.g. segmentation, detection) or other areas as (speech, NLP, GANs)

- Experience with Tensorflow, PyTorch or other Deep Learning Frameworks.

- Strong experience with data science tools including Python scripting, CUDA, numpy, scipy, matplotlib, scikit-learn, bash scripting and Linux environment.

What makes working at Restb.ai great:

- Be a part of Barcelona's hottest startup in its growth stage
- Work at an international company that works with some of the largest companies in the world
- Have a direct impact, every day, on building something awesome
- Work in an open environment with young, driven and dynamic team members
- Free in-office snacks, beverages, hot drinks, and salads
- "Paella Thursdays!" – Free team lunch every Thursday (COVID-pending)
- Free in-office physical therapy sessions (COVID-pending)
- Quarterly team-building event
- Career development training
- Flexible timetable for remote and office work
- Barcelona based, working worldwide!! Do we need to say more?

Contact: xavi@restb.ai