Machine Learning Engineer / Data Scientist JD

About TensorIoT

TensorIoT is an AWS Advanced Consulting Partner. We help companies realize the value and efficiency of the AWS ecosystem. From building PoCs and MVPs to production-ready applications, we are tackling complex business problems every day and developing solutions to drive customer success.

TensorIoT's founders helped build world-class IoT and AI platforms at AWS and Google and are now creating solutions to simplify the way enterprises incorporate edge devices and their data into their day-to-day operations. Our mission is to help connect devices and make them intelligent. Our founders firmly believe in the transformative potential of smarter devices to enhance our quality of life, and we're just getting started!

TensorIoT is proud to be an equal opportunity employer. This means that we are committed to diversity and inclusion and encourage people from all backgrounds to apply. We do not tolerate discrimination or harassment of any kind, and make our hiring decisions based solely on qualifications, merit, and business needs at the time.

You have:

- Study and transform data science prototypes.
- Research and implement appropriate ML algorithms and tools.
- Data exploratory analysis
- Feature engineering
- Implement basic ETL pipelines with database/data lake tools
- Conduct scientific research on latest technologies and ML models
- Run machine-learning tests and experiments.
- Perform statistical analysis and fine-tuning using test results.
- Extend existing ML libraries and frameworks.
- Present scientific research methodologies to audience

Machine Learning Engineer responsibilities include:

- Designing and developing machine learning and deep learning systems
- Running machine learning tests and experiments
- Implementing appropriate ML algorithms

Must have/Requirements.

- Proven experience as a Machine Learning Engineer or similar role
- **Must have experience with integrating applications and platforms with cloud technologies (i.e., AWS)**

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- **Docker containers knowledge**
- **Know about distributed training tools**
- **Experience with GPU acceleration (i.e., CUDA and cuDNN)**
- Create feature engineering pipelines to process high-volume, multi-dimensional, unstructured (audio, video, NLP) data at scale.
- Knowledge of server-less architectures (e.g., Lambda, Kinesis, Glue).
- **Understanding of end-to-end ML project lifecycle.**
- **Must have experience with Data Science tools and frameworks (i.e., Python, Scikit, NLTK, NumPy, Pandas, TensorFlow, Kera's, R, Spark, PyTorch).**
- Experience with cloud-native technologies, microservices design, and REST APIs.
- **Knowledge of data query and data processing tools (i.e., SQL**)
- Deep knowledge of Math, Probability, Statistics, and Algorithms
- Strong understanding of image recognition & computer vision.
- **Must have 4-8 years of experience.**
- Excellent communication skills
- Ability to work in a team.
- BSc or Master in Computer Science, Mathematics, or a similar field;
- PhD. degree is a plus.