Machine Learning Engineer

Job Overview

We are looking for candidates with a BS, MS, or Ph.D. in computer science or related Engineering fields to join the core machine learning and data engineering team. The team works on problems related to NLP, Biometric Securities, Transaction monitoring, fraud/anomaly detection, and many others. As part of this team, you will be focused on building, deploying, monitoring, and maintaining the next generation of our models and algorithms. You will collaborate with other researchers, software engineers, and product managers to deliver models with state-of-the-art accuracy.

Responsibilities

- Research state-of-the-art methods in language modeling
- Research state-of-the-art methods in fraud detection
- Prototype and productionize novel machine learning models
- Solve natural language processing problems
- Develop data driven strategies to drive the growth of VALOORES' Next Generation.

Qualifications

- Solid grasp of Python (Numpy, Scipy, Pandas, Scikit-learn) and SQL

- Solid grasp of distributed and big data systems such as ElasticSearch

- Experience or knowledge of state-of-the-art fraud/anomaly detection techniques is a big plus but not required

- Used deep learning frameworks such as Keras, TensorFlow, and PyTorch

- Used standard machine learning techniques such as gradient boosting, random forest, regression and clustering

- Experience with computer science fundamentals in object-oriented design, data structures, algorithm design, problem-solving, and complexity analysis

- Good analytical thinking and good at working in big teams

- Industry experience preferred but exceptional fresh graduates may also apply

- Extreme willingness to learn new things and a can-do attitude to tackle new and challenging problems!