Responsibilities

- **Work on machine learning models & algorithms, web services, distributed systems, data mining, big data, Hadoop, deep learning, recommendations, and more by developing a Machine Platform at Adobe that would power Adobe Clouds.**

- **Apply data mining and machine learning to improve content understanding, computer vision, deep learning, language understanding and content ranking & recommendations.**

- **Build platform to enable lifecycle of billions of images, documents and other assets in Adobe Cloud.**

- **Maintain and optimize machine learning platform, identify new ideas to evolve it, develop new features and benchmark possible solutions.**

- **Build machine learning capabilities using technologies such as REST web services, micro-services, Caffe, Tensorflow, Spark, Elastic, AWS, Kafka, Deep Learning, Matlab, R, and more.**

What you need to succeed

- **PhD or Master's Degree in Computer Science or related field**

- **Experience in machine learning technologies, especially in content understanding**

- **Experience with machine learning frameworks –TF, PyTorch, Caffe, Scikit, MLPack, SparkMLib, …**

- **knowledge in building distributed systems.**

- **knowledge of Spark, big data processing, Hadoop.**

- **knowledge with Docker, Containerization, AWS.**

- **Hands on experience with Java, Python, and/or C++.**

- **knowledge of Web services, micro-services, and REST.**