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# Example of Deep Learning Job Description

Our company is growing rapidly and is looking to fill the role of deep learning. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for deep learning

* Continuously research and evaluate advances in deep learning software frameworks and algorithms and find use cases for its adoption
* Participate in a unique opportunity to build and drive the adoption of deep learning based product into next-generation client products
* You will also collaborate across the company to direct the direction of machine learning, working with software, research and product teams
* Actively participate in applied research activities in the broader areas of machine learning applications for embedded, enterprise, and cloud environments, resulting in proofs of concept, prototypes, patents, and/or academic publications
* Investigate the application of deep learning for plant digitalization that satisfies customer requirements for creating value-added services and offerings
* Build tools that will increase the productivity of teams developing AI-based systems (training of deep learning / reinforcement learning systems)
* Work on the bridging the gap between the latest in deep learning research and its application in real world products
* Compilation of deep learning model descriptions in multiple frameworks into efficient code for execution in a variety of environments
* Making a variety of machine learning hardware platforms more efficient and easier to use
* Adapt machine learning

## Qualifications for deep learning

* Technical knowledge of developer digital platforms (Facebook, Twitter, LinkedIn, Google Hangouts, stackoverflow, ) and their trends
* Developing curriculum and training content for data scientists and software developers
* Training/certifying other instructors to teach DLI content
* Delivering webcasts and office hours for online courses
* MSc/PhD in Computer science/ Software engineering/Information technology/Industrial engineering
* Experience in algorithmic optimizations is an advantage