

Satish J

Machine learning fanatic

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Objective:

Applying for Junior Machine learning Engineering, to bestow the marvelous science of Machine learning to unriddle the propositions in the field of ----- .Thereby being a part of company's journey towards excellence in Machine learning.

Projects:

- ◆ **Stock price prediction using Deep Learning:** Evaluated the performance of LSTM network to predict the stock price. Addressed the issue of vanishing gradient in long term sequences using long short term memory architecture, and developed a model to predict the stock price proximate to actual value.
- ◆ **Train a Smart cab to drive:** Applied reinforcement learning to build a simulated vehicle navigation agent. This project involved modeling a complex control problem in terms of limited available inputs, and designing a scheme to automatically learn an optimal driving strategy based on rewards and penalties.
- ◆ **Creating Customer Segments:** Reviewed unstructured data to understand the patterns and natural categories that the data fits into. Used multiple algorithms and both empirically and theoretically compared and contrasted their results. Made predictions about the natural categories of multiple types in a dataset, then checked these predictions against the result of unsupervised analysis.

Skills:

Technical:

- ◆ Python
- ◆ Scikit-learn, Tensorflow,

Personal:

- ◆ Fast learner