conscious computing

# SRIKANTH PAGADALA

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## Professional Summary

14 years of software development and architecture experience. I'm super excited about all the recent changes that are happening in the areas of AI, ML, RL, NN, CV, NLP, and Robotics. I've decided to make a career change and be part of all of it. In my recent careers, I did lot of work in Big Data Analytics, IoT, Cloud Computing with Java and Spring.

## Skills

- Python, R, Java, C++
- Machine Learning, Neural Networks
- AI, CV, Reinforcement Learning, Robotics, Statistics
- Apache Spark, Hadoop, Kafka
- Docker, CoreOS, Kubernetes
- Big Data Analytics

## Education

- Self-Driving Car Engineer Nanodegree from Udacity (in progress)
- Machine Learning Nanodegree from Udacity (Sebastian Thrun)
- Machine Learning by Stanford University on Coursera (Andrew Ng)
- Neural Networks for ML by University of Toronto on Coursera (Geoffrey Hinton)
- Artificial Intelligence by UC Berkeley CS188
- Convolutional Neural Networks for Visual Recognition by Stanford University CS231n
- Machine Learning With Big Data by University of California, San Diego
- Artificial Intelligence for Robotics from Udacity (Sebastian Thrun)
- Bachelor of Technology. Electrical, Electronics and Communications Engineering, India

## Projects & Experiences

- "Plot and Navigate a Virtual Maze" was my MLND Capstone project. It was very well received by reviewers. I'm very proud of my work.
- Achieved score of 99.13% in "Handwritten Digit Recognition using Convolutional Neural Networks" with Keras on Tensorflow.
- Implemented "Object Recognition in CIFAR-10 with Convolutional Neural Networks". Score: 78%
- Predicted "Sentiment From Movie Reviews Using Deep Learning" with accuracy score of 88%.
- Attained score of 90% for a "Time Series Prediction with LSTM Recurrent Neural Networks".
- Trained a "LSTM Recurrent Neural Networks" to generate text like Alice In Wonderland.
- Applied XGBoost for automatic "Feature Importance and Feature Selection" model.
- Setup a Apache ML Spark cluster on inexpensive machines on AWS and tested some of the ML algorithm.

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