

Nitin Kishore Sai Samala

Prospective Asset | Quick Learner | Team Player | Pursuing Machine Learning, Deep RL and Natural Language processing



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EDUCATION

MS in Computer Science

• [University of Massachusetts Amherst](#)

Sep 2016 - ongoing

GPA
3.85 / 4.0

B.E.(Hons) in Electronics and Communication

• [BITS Pilani, Hyderabad Campus](#)

Aug 2011 - July 2015

GPA
3.54 / 4.0

PROJECTS

Multilingual representations for cross-language NLP

Jan 2017 - May 2017 | Oracle Labs

Natural Language Processing- Multilingual representations

- Harnessed unlabeled multilingual data to learn a common representation under which structure is shared across different languages to transfer NLP models

Deep Successor Representation to solve Mazes

Oct 2016 - Dec 2016

Deep Reinforcement Learning

- Proved the efficacy of the this RL framework approach over DQN on two diverse environments given raw pixel observations - from grid-world domain (Mazebase) and DOOM game engine

Sarcasm Detection for Target-dependent Sentiment classification

Oct 2016 - Dec 2016

Natural Language Processing

- Trained a model on Tweets to detect sarcasm using N-grams, Sentiment scores and Topic modelling and applied it on Amazon reviews to classify sentiments

TECHNOLOGIES

Data Science related

Torch

TensorFlow

Caffe

Theano

Numpy

Scikit-learn

NLTK

Pandas

EXPERIENCE

Applications Developer (Full Stack)

at Oracle

Sep 2015 - June 2016 | Mumbai, India

Oracle Financial Services Software Limited(OFSS)

- Programmed REST based Web Services in Java using EclipseLink framework
- Designed UI for User-Management module using KnockoutJS
- Orchestrated a Security-Penetration Testing and Ethical Hacking of the application.

Software and Web Developer (Front-end)

at IBM

July 2014 - Dec 2014 | Bangalore, India

MaaS360 by Fiberlink, an IBM company.

- Enhanced and Debugged Registration Portal, User Management and Portal Manager Apps
- Established OAuth 2.0 Authentication for Enrollment -iOS, Android and End User Portal

LANGUAGES

Python, MATLAB, C



Proficient

Java, JavaScript, HTML



Advanced

ACHIEVEMENTS



Best-All-Rounder(General Proficiency Award)

Won prizes in several Literary, Sports and Cultural events/competitions through out schooling career and undergrad. Avid Quizzer and a prolific writer.