

Srikar Raju R.P.P
prasannasr@iisc.ac.in
Mobile No:+91 8522049890
rsrikarraju@gmail.com
skype id : srikar regati

EDUCATION

Indian Institute of Science, Bangalore
Master of Technology , Computer Science and Engineering
Expected July 2021 CGPA: 8.6
National Institute of Technology, Warangal
Bachelor of Technology , Electronics and Communication Engineering ,July 2017 CGPA: 7.39
Sri Chaitanya Junior College, Vijayawada
Intermediate, July 2013 Percentage:98.2
Sri Sai English Medium High School, Mudigubba
Class X, July 2011 Percentage:95.5

TECHNICAL SKILLS

Programming Languages : C++, Python
General : Data Structures, Algorithms, Machine Learning

EXPERIENCE

Myntra : Intern (April 2020 - May 2020)

Implemented and evaluated the performance of various methods to forecast weekly demands of various styles of a particular product in women apparel. Used various Machine Learning models like decision tree, random forest for forecasting and benchmarked their performance against the exponential smoothing model.

Dell EMC : Software Engineer (August 2017 - July 2019)

Fixed several critical bugs in a storage management application for DELL PS series storage arrays. Received an ON THE SPOT award and a BRONZE award for my contributions.

PROJECTS

Warehouse Management in e-Grocery using Reinforcement Learning

Warehouse management in e-Grocery comes with additional difficulty due to the perishable nature of most of the grocery items and limited time window for delivery. Proposed a RL based solution with a reward that depends on the shelf life of the products as well as on the negative experience of the customer in case of unmet demand.

Sentiment Analysis of Tweets

Implemented CNN and LSTM based models for sentiment classification and created an ensemble of these models. Achieved a average recall of 65 percent which is 15 percent improvement over the baseline model.

Multi Agent Reinforcement Learning(QTRAN)

Improved the training time of the DQN in QTRAN base implementation 10x by running multiple episodes parallelly and extracting the state, reward etc. Achieved faster convergence results over the base implementation by adding Prioritized Experience Replay.

RELEVANT COURSES

- Computational Methods in Optimization • Machine Learning
- Reinforcement Learning • Design and Analysis of Algorithms
- Operating Systems • Computer System Security

ACHIEVEMENTS

- Secured AIR-33 in GATE 2019 • Secured Ranks 279 in AP EAMCET