Garima Jain

Post Graduate Student

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EDUCATION

M.Tech in Artificial Intelligence
University of Hyderabad, Hyderabad

08/2018 – Present   *CGPA: 8.24(sem I), 8.83(sem II)*

Courses
- Business in Data Analytics, Machine Learning
- Pattern Recognition, Color Image Processing
- Data Analytics Project1: Data analytics on Churn prediction dataset. Implementation using Python. Compared models like Decision trees, XG Boosting, random forests
- Data Analytics Project 2: Data analytics on Energy efficiency dataset. Implementation using Orange. Compared models like linear regression, regression trees, Neural networks, Ada boost etc
- Image Classification on CIFAR-10 dataset : Explored Bagging and Boosting techniques, CNN using Keras framework

B.Tech in Computer Science
Indira Gandhi Delhi Technical University for Women

2014 – 2018   *78.2%*

Courses
- Data Structures and Algorithms, Database Management
- Theory of Computation, Data Mining
- Hackathon: Developed an IoT Navigation device(team of 4) using Intel Galileo Gen 2 to highlight path on map
- Course Project: Applied data mining techniques like regression, decision trees, rule mining on a video games sales dataset using R language
- B.tech final year research project : Energy efficient dynamic reclustering in wireless sensor networks on zonal level using corona model, finding optimal node deployment in each corona

Senior Secondary
Himalaya Public Sr. Sec. School

2013 – 2014   *95.8%*

Courses
- Physics, Chemistry, Maths

WORK EXPERIENCE

Remote Internship
Tata Consultancy Services

06/2017 – 07/2017

Achievements/Tasks
- Designed a Shopping Assistant Chatbot which can answer user's phone specification based queries by crawling e-commerce websites and displaying phones - team of 3
- Worked on the back-end part using Django
- Technology Used: Django, Bootstrap, Google api.ai, HTML, CSS, Javascript, Selenium

SKILLS

C++   Python   Django   Keras   R   PyTorch

PERSONAL PROJECTS

Image Classification (12/2018 – Present)
- Image classification on cats and dogs dataset
- Compared different pre-trained and fine tuned models
- Technology used : Python, Keras

Web Development (06/2016 – 07/2017)
- A website to create and publish blog posts by creating an account and read other users' posts
- Technology used: Django, HTML ,CSS , Bootstrap

WORKSHOPS AND COURSES

IEEE Data Science Workshop (09/2018 – 10/2018)
Introduction to Data Science using Advanced Excel and R programming. Basic data visualization and machine learning models like regression and clustering using R, held at IIIT Hyderabad

Neural networks and Deep Learning by deeplearning.ai on Coursera - Online (12/2018 – 01/2019)
Intuition behind Neural networks. Programming exercise in Python

SCHOLARSHIP

Awarded Anita Borg Institute Student Scholarship to attend the Grace Hopper Celebration of Women in Computing India(GHCI) 2017 Conference in Bengaluru held in November 2017