

## AMANDEEP SINGH

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### ACADEMIC QUALIFICATION

**Bachelor of Engineering (Computer Engineering)**, Netaji Subhas Institute of Technology, Delhi University, Dwarka, New Delhi, India , Graduated in September 2017, CGPA: 6.59/10

### ACADEMIC PROJECTS

**Title: Disease Prediction Using Neural Networks**

Location: Netaji Subhas Institute of Technology

Duration: January -May 2017

Team Size: 2

Objective: To predict whether a patient suffers from a given disease or not, using Artificial Neural Network

Role: Created MATLAB program for image segmentation and feature extraction, feeding the features in a decision tree classifier and calculated performance error in neural network for each dataset

**Title: Inventory Management System**

Location: Netaji Subhas Institute of Technology

Duration: January -May, 2016

Team Size: 3

Objective: To design an e-commerce website, to view and track inventory from seller to customer with intricacies involving warehouses and seller ratings

Role: Created front end pages, created database tables, ER models, and wrote MySql queries

**Title: Social Network Analysis**

Location: Netaji Subhas Institute of Technology

Duration: January -May, 2016

Team Size: 3

Objective: To analyze commercial tools used for Social Media Analysis

Role: Analyzed the applications and use of five Social Media Analysis tools: Graph Tool, Cutter Fish, NetMiner, Netlytic, and R

### TECHNICAL SKILLS

- Programming Language: MySql, R, Python, PHP, C
- Operating System: Windows
- Data Analytics Tools: NumPy, Pandas, MatLab, Tableau, Excel

### TRAINING

- Attended a course on Web Development, at VSIT Dwarka Sector-7, December 2014 – May 2015

### EMPLOYMENT

Business Analyst intern at Leapfrog Academy, Gurugram and involved in BIG DATA analytics in Tableau Software, ETL process in data warehousing and advanced SQL queries, September 2017– February 2018.

Machine Learning trainee at Radix Info Solutions Pvt. Ltd. Noida Sector-3, involved in ML tools such as Neural Networks, Pandas, scikit-learn, February - July 2018.

## **PUBLICATIONS**

- Published a paper in IEEE ISBN: 17577255 'Error Estimation of Artificial Neural Network with Varying Inputs', at 'Computing and Communication Technologies for Smart Nation (IC3TSN) 2017' at GD Goenka University, Gurugram, India, published ON 08/02/2018
- Health Information System Management, CASIRJ (International Research Journal Of Commerce, Arts And Science), ISSN: 2319-9202, Volume 7 Issue 8, published in 2016

## **EXTRACURRICULAR ACTIVITIES**

- Involved in supervising volunteers, organize activities and impart children with knowledge of Mathematics and English, Mouksh Foundation (NGO), New Delhi March 2016 – Present