

AAKASH MISHRA

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EDUCATION

B.Tech (Electrical Engineering)	2016-2020	Delhi Technological University	7.20 cgpa
AISSCE/CBSE (Class XII)	2015	Raghubir Singh Modern School, Delhi	93.2%
AISCE/CBSE (Class X)	2013	Raghubir Singh Modern School, Delhi	9.00 cgpa

INTERNSHIPS

- ❖ **Summer Intern, BSES RAJDHANI POWER LIMITED** **May 2019 – July 2019 (8 weeks)**
 - Learned about how power is distributed to local areas through transmission lines and to deal with the faults occurring during transmission of electricity.
 - Worked with **Risk Management Team** that deals with resolving problem of customer through complaints via Email.

ACADEMIC PROJECTS

- ❖ **Fake Currency Classifier (Bank Note Authentication)**
 - Applied **K – Nearest Neighbors** Classification model and predicted fake and genuine currency note.
 - Used **Sklearn** library to predict accuracy score of **99.75%**.
 - There are so many **fake currency** regulations in India , the **purpose** of this project is to identify fake currency with the help of KNN algorithm in python.
- ❖ **Stock Market Sentiment Analysis Using News Headlines**
 - Applied **Bag of words** model and predicted Stock Sentiments by using **Random Forest** Classification model and multinomial **Naïve Bayes** model.
 - Predicted Accuracy score of 85%.
- ❖ **Capacitance requirements of Self Excited Induction Generator (SEIG)**
 - Analyzed the capacitance requirement in Self Excited Induction Generator by using **Nodal Admittance** Method and finding minimum value of capacitance.
 - Using numerical techniques to solve **6 th degree** polynomial and analyzing the circuit in **MATLAB Software**.

ACADEMIC ACHIEVEMENTS AND AWARDS

- ❖ **98.5%**ile in CBSE Boards in Class XII & in **Top 1%**ile in JEE Main, all over India.
- ❖ Awarded **Excellent Performance** in academic session 2014-2015.
- ❖ **3rd position** in **Debate and Speech** Competition in Senior Secondary School.

POSITIONS OF RESPONSIBILITY

- ❖ **Volunteered for Admission process JAC (2018) in DTU**
 - Cleared doubts of students regarding branches and about Delhi Technological University.
- ❖ **Member Of IEEE Society of DTU (IEEE DTU)**
 - Conducted Events and participated in IEEE projects, Worked also in publicity team of IEEE in TECHFEST of DTU.
- ❖ **CO- HEAD OF ROBOTICS SOCIETY OF DTU**
 - Arranged meetings and guided students on their respective projects.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- ❖ **2nd position** in **CRICKET** in **ARENA (INTER BRANCH SPORTS TOURNAMENT -2017)**
- ❖ **SEMI FINALIST** in Football tournament presented by **REDBULL Neymar Jr Tournament**.
- ❖ **1st position** in Football tournament in School (INTER SCHOOL TOURNAMENT)

OTHER INFORMATION

- ❖ **Skills** : Python & Machine Learning(**COURSERA certified**), SQL, Tableau, C/C++(Basic), MS Office.
- ❖ **Hobbies** : **Playing Football, Cricket, Gaming**