

SURAJ ANAND

Male, 23 Years

suraj.dtu2k16@gmail.com

+91-6200948917

EDUCATION

B. Tech (Polymer Science and Chemical Tech.)	2016-2020	Delhi Technological University	6.8 GPA
BSEB (Class XII)	2015-2016	R.L.S.Y College, Patna	66.40%
CBSE (Class X)	2013-2014	DAV Public School, Patna	8 GPA

INTERNSHIPS

Summer Intern at BASF India Ltd, Navi Mumbai.

June 2019 – July 2019

- Studied about the **Polyurethane formation in different Applications** (Automobiles, Construction, Footwear).
- Worked for the Quality assurance of Polyurethane, Lab testing (UTM, moisture content, etc.) and Polyamide testing (Charpy Impact, Moisture Analyzer, Viscosity, Metal Analyzer).
- Worked on **Chemcad** (Simulation software) for designing reactors and utility system.

PROJECTS

Developing Python based web application using Django.

May-Aug 2020

- Designed and developed dynamic and interactive website, worked on back-end and front-end feature.
- Worked with tables from PostgreSQL database with Python.
- Fixed bugs from existing websites and implemented.
- My portfolio link <http://surajanand2406.pythonanywhere.com/>

Predicted the Onset diabetes based on diagnostic measures using python.

Jan-May 2020

- The main objective was to diagnostically predict whether or not a patient has diabetes, based on certain diagnostic measurements included in the dataset.
- Performed Exploratory Data Analysis with the data by using python libraries such as NumPy, Pandas, Matplotlib, Seaborn, Sci-Kit Learn etc.
- Predicted Diabetes by using ANN (Artificial Neural Network) in Jupyter Notebook.

SMS spam detection with the help of NLP.

Aug 2019

- Cleaned the data and removed Stopwords, Stemming, convert the labels into dummies then apply train test split.
- Used various classifiers such as Naive Bayes, Xgboost etc.
- Analyzed the predicted data using Confusion matrix and also compared the Accuracy score.

IT SKILLS

- Proficient in languages like C++/Python, SQL, HTML, CSS, JavaScript.
- Intermediate software skills: Tableau, Anaconda Distribution like Jupyter Notebook and Spider, MS-Office (Excel, PowerPoint, Word).
- Other skills: AI, ML, NLP, Django, MongoDB.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Among the top 0.2 percentile in Quantitative aptitude in PSA conducted by CBSE.

POSITIONS OF RESPONSIBILITY

Publicity Head, AAHVAAN'18, Annual Inter College Sports Fest of DTU

Sept 2017 – Mar 2018

- Successfully publicized DTU's Inter College Sports Fest, AAHVAAN '18, with participation from over 4000 sportspersons.
- Supervised the overall management of our publicity team.

Logistics Co-Head, AAHVAAN'17, Annual Inter College Sports Fest of DTU

Oct 2016 – Mar 2017

- Successfully manages various transportation, supplies and packages for the fest and supervised all the logistics team.
- Negotiating with suppliers, manufacturers, retailers and consumers.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Served as Volunteer of ENGIFEST-17, the annual cultural fest of DTU.
- Active member of IICHE DTU Chapter.
- Active Member of Leaders for Tomorrow Society of DTU.
- Part of Event Management Team and Sports Talk Team of AAHVAAN-2017, Sports Fest of DTU.