

SURBHI ANAND

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EDUCATION

QUALIFICATION	YEAR	COLLEGE/SCHOOL	CGPA/%
B.Tech (Computer Engineering)	2018-2020	Delhi Technological University	8.67
CBSE(XII)	2018	Lady Irwin Girls School	91.6
CBSE(X)	2016	Lady Irwin Girls School	9.4

INTERNSHIP

1. **Growth Engineering Intern at Paperide.com** May,2021-July,2021
- Worked with RSS feeds and made the frequency distributin dictionary for unigrams and bigrams .
 - Created fastApi for web scraping,handling podcasts and RSS feeds using podchaser,calling twitter and facebook APIS on postman..
 - Tools-pycharm,sublimetext,FastApi,Flask,jupyter notebook,podchaser,cmd**
 - Language-python**

ACADEMIC PROJECTS

1. **DETECTION OF ALZHEIMER'S DISEASE| Machine Learning**
- Hard-coded the Neural Network architecture for detection of Alzheimer's disease on **logitudinal OASIS dataset**
 - Techniques: K-Nearest Neighbors, Support Vector Machine (SVM), Decision Trees (DT), Random Forest (RF), Naive Bayes, Multilayer Perceptron (MLP), Artificial Neural Network (ANN), Back-Propagation (BP), Convolutional Neural Network (CNN).**
 - Language & tools –python ,jupyter notebook,**
2. **RSA AND DIFFIE HELLMAN EXCHANGE ALGORITHM | cryptography and network security**
- Implemented RSA algorithm using symmetric and asymmetric cryptography,digital payments and digital signatures.
 - Language & tools: C,C++,code::blocks**
3. **MODAL SENTIMENT ANALYSIS | Deep Learning([github](#))**
- Built a Working Model of modal sentiment analysis by implementing CNN with LSTM on **CMU-MOSEI dataset**.
 - Laguage-python**
4. **FACE RECOGINITION ATTENDENCE SYSTEM| software engineering**
- Created and implemented a face recognition based application using **OpenCV** and **SQLite**
 - Utilized:** Python, OpenCV, Tkinter toolkit, LBPH Algorithm, Django, HTML & CSS, JQuery, Pandas, Data Table, JavaScript, MySQL

ACHIEVEMENTS

- Earned 6 star(gold badge) on hackerRank in data structures and algorithms
- Gold medal in international maths olympiad,IMO
- Silver medal in national science olympiad,NSO

SKILLS

- Proficient in C,C++** and did 2 months training in data structures and algorithms from coding blocks.
- Familiar with:** python,,Machne Learning,Artificial Intelligence,Computet Graphics,Bioinformatics,NLP,Digital Circuits.
- Knowledge of** Database management system(DBMS),Operating system(OS),Object Orientded programming(OOPs).
- Development Skills:** web development fundamentals,MYSQL,Django,openCV,Graph theory,Linux
- Hobbies:** badminton,cooking,reading,painting

DECLARATION-

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief