ANAND RAJ

M.Tech – Computer Science and Engineering - IIT, Dhanbad

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PROJECTS

A Novel Method to Perform Search Query using Brainwave Signals-
The main aim of this project is to search the information using brain waves instead of searching using the text Query using KNN.

GARBAGE BIN TRACKER –
An internet of things (IoT) application that uses a combination of different sensors including sonar and machine learning algorithms to measure the amount of garbage in a bin. It can alert, and direct municipal trucks using GPS to unload and replace overloaded bins.

MY HELPING HAND-
A text-recognition tool for converting handwritten material into an editable text which can further be converted to a document. 'Text to Speech' function is also present in the tool

PRIVACY PRESERVING TOOL-
A software to provide better security in owner's upload side as well as download side by splitting a single file into nine different blocks and providing a unique identification number for each block using the Honors algorithm.

TRAININGS

- **Summer Intern** Optimus Technology & IT-Services, Chennai

  -Developed a handwriting-recognition android app using Tess two. Also implemented a text-to speech functionality.

- 3 months training in Python from intershala.

- Udemy Course on Deep Learning and Machine Learning.

EDUCATION

Indian Institute of Technology , Dhanbad
Master of Technology in Computer Science and Engineering
AUGUST 2020-MAY 2022

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY , Chennai — *Bachelor of Technology in Computer Science and Engineering*
AUGUST 2016 - AUGUST 2020   **77.28%**

MSM Sen. Sec. School, Chapra
12th - APRIL 2015 - APRIL 2016 - **72.6%**

Imperial Public School ,Hathwa
10th - APRIL 2013- APRIL 2014 - **9.2**

SKILLS

- **Strong**   : C,Python
- **Intermediate** :Algorithm,Machine Learning Deep Learning,Data Structure.
- **Beginner**   : Java core , C++ ,Android Studio,MySql .

ACHIEVEMENTS

- **Secured 99.18 percentile in Gate 2020.**
- Portrayed a model on 'Android controlled robotics using Arduino' at SRM and won third prize in 'Hackon', a CSI National level hackathon at VCET, Chennai
- .Presented a poster on 'Multi-query keyword search using cloud computing' at a National Level Symposium, Ubertech, held at SRM, Vadapalani campus.
- Attended Google I/O extended, a national-level conference organised by Google Developers Group, Chennai.
- Completion of training in C.

POSITIONS OF RESPONSIBILITY

- Volunteered for HelpAge India, an NGO in India caring for disadvantaged elderly senior citizens
- Member of the CSE club at SRM University. Help in organising technical events and workshops
- Team Leader of Garbage management project

EXTRACURRICULARS

- Competitive coding on various platforms like codechef,geeks for geeks,hackerrank etc.