

Loveleen Amar

B-290 NH-3 RIHAND NAGAR NTPC COLONY – SONEBHADRA
UTTAR PRADESH(231223)

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EDUCATION

Bachelor of Technology (B.Tech), Computer Science

Engineering

SGPA(4rd sem: 9.3)

International Institute Of Information Technology, Atal Nagar, Chhattisgarh

(2017 - 2021)

XII (Senior Secondary), Science, CBSE Board

Percentage: 95.8

St. Josephs' School , Rihand Nagar

2017

X (Secondary), CBSE Board

CGPA:9.8

St. Josephs' School , Rihand Nagar

2015

KEY SKILLS

ACADEMIC PROJECTS

Reconstruction of perceived images using ProGAN

Currently working

- ProGAN is Progressive Generative Adversarial Network
- Recorded EEG signals from 5 different portion of the brain is being used. Whatever image the person perceives will be reconstructed.
- Working with ImageNet. GoogLeNet will be used for optimizing the EEG feature extraction.

Object Detection App

Currently working

- Using the rear camera of android phones user will be able to detect the objects present in the clicked or uploaded image.
- Result can be obtained in JSON or image format as per user's choice
- Django is used in backend, YOLO algorithm is used for building object detection model.

Network Classification using Deep Learning Concept

Jan-May 2019

- Will be able to classify different types of Internet Traffic classes.
- Concept Of CNN is being used.

Sentiment Analysis using Naive Bayes classifier

June 2019

- Classifies the sentiment of the user based on the text entered by him/her as positive/negative.
- Concept Of Naive Bayes is being used.

Training And Placement Website for IIIT Naya Raipur

March- 2019

- It is Training And Placement Website for International Institute of Information Technology Naya Raipur.
- Front end done using HTML, CSS, Javascript, jQuery, Bootstrap. Backend done on PHP.

Audio Compression using MATLAB

Oct 2018 - Dec 2018

- This will compress the size of any audio file(like .wav, .audio, .mp3 etc). The main function used here is the DCT and IDCT . But this will compress the file to less extent so we further used bit rate concept too.

YelpCamp Website-Campground location website

Mar 2018 - May 2018

- Built using Node.js in backend.
- User can view different campground locations.They can also add new campground locations and delete the location if they want.

Voice Control Wheel Chair Protocol Using Arduino

Oct 2017 - Dec 2017

- Based on the voice of the patient the wheel chair will move accordingly.The command where left ,right , forward, backward.
- The programming on arduino was done so as to move the chair according to the commands given.

TRAINING AND EXPERIENCE

- HPE Summer training on Machine Learning and Deep Learning from Ardent Institute,Kolkata in June 2019
- Currently learning Deep Learning algorithms on PadhAI course by the startup One Fourth Labs founded by IIT Madras faculty.
- Worked on Machine Learning algorithms with reference of ML course on udemy. Jan 2019 - March 2019 . Novice in this course, this course includes various complex machine learning theory, algorithms and coding libraries in a simple way in python.
- Online course on Web Development on udemy.Started on Dec 2018 and presently working on that. Boot Camp on by Colt Steel.
- Worked for making Web page for TSOC(The Society Of Coders) of IIIT Naya Raipur.
- Worked in core team of Merchandiser and Curator of TNP (Training and Placement Cell) of IIIT Naya Raipur.

POSITIONS OF RESPONSIBILITY

- Senior Member of TSOC(The Society Of Coders) club of IIIT Naya Raipur.
- Core Team of TNP(Training and Placement Cell) of IIIT Naya Raipur.
- Member in Website Designing team in Technovate 2017
- Volunteered in Hack D Unhacked',Central India's Largest Hackathon (hackathon competition) and Wolf Of Web Streets(web-designing event), in our college fest Technovate 2017.
- Member of the Front end development Team in TSOC club.
- Showcased and demonstrated the project "Voice Control Wheel Chair Using Arduino" to various school students in ScientFic 2017 organised by IIIT Naya Raipur.
- Achieved the post of POWER ANGEL (Women Power Line) by Uttar Pradesh Government
- School Vice Captain for Sashtri house (in 2015)
- School Captain for Sashtri house (in 2016)

SKILLS AND KNOWLEDGE

- LANGUAGES: C, C++, JAVA, PYTHON, JAVASCRIPT, JQUERY, HTML, CSS, BOOTSTRAP, SQL, NODEJS.
- MACHINE LEARNING.
- SOFTWARES: MATLAB, RASBERRY-PI, ARDUINO, NI-MULTISIM , WIRESHARK.

AWARDS AND ACHIEVEMENTS

- School Topper in CBSE 12th Board.
- 1st position in 3D-Collage making competition held in JOSEPHEST at Allahabad
- 3rd position for Group-Creativity in Josephest.
- Best turnout award in parade.
- Intra-School Badminton tournament Runner-up.
- 1st position in Techno-Cultural Fest of IIITNR in Web-App Development event(Made Training and Placement website).