

Pranay Anand

Machine Learning Engineer

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📍 : New Delhi, India

Objective

A machine learning enthusiast passionate about cutting-edge technology and solving real-world problems, with experience in leading a lean team and developing new products.

Experience

Machine Learning Intern | JUN 2018 - AUG 2018
Centre Of Digital Excellence, Noida

- Building AI for humanoid Inaya.
- Developing modules for face recognition and analysis.
- Building voice based system involving task oriented NLP modules.
- Follow me module using computer vision.
- Text Classification using RNN-LSTM networks.

Development Head | AUG 2017 - Present
Entrepreneurship Cell, NIEC

- Managing and coordinating with development department.
- Developing services and apps for the same.

Education

B.TECH IN INFORMATION TECHNOLOGY | 2016 - 2020
Northern India Engineering College, Delhi
78%

CLASS XII | 2016 | Central Board of Secondary Education
Cambridge School, Srinivaspuri, Delhi
94.2%

CLASS X | 2014 | Central Board of Secondary Education
Cambridge School, Srinivaspuri, Delhi
9.6 CGPA

Projects

- **Task Oriented Chatbot** - Building Dialog System and conversational platform using word embeddings, RNN, LSTM networks etc.
- **License Plate Recognition for Indian vehicles**- Includes detection, segmentation and recognition implemented using computer vision and machine learning.
- **Aadhar Card Entry Systems** - Developed for hotels using computer vision algorithms and databases.
- **Article Summarizer** - Outputs a short summary of article, built using NLP techniques.
- **Sentiment Analysis** - Built using n-grams, word embeddings etc. along with classification algorithm Naive Bayes.
- **Sleepy Driver** - Detects and alarms the driver if found drowsy, built using computer vision and facial landmarks.
- Object Tracker, Text generator, Movie recommender, IOT MQTT, Face recognition etc.
- Chat app, News app, E-Cell NIEC android app etc.

Skills

Technical: Building Supervised and Unsupervised Machine Learning Models, Computer Vision, NLP, Deep Learning, Flask, APIs , Android App Development etc.

Machine/ Deep Learning: Building deep learning and machine learning models eg: Linear Regression, Logistic Classifier , SVM , Decision Trees , Random Forest , LSTM and GRU, Convolutional Neural Network, Recurrent Neural Network etc.

Languages & Libraries: Python, Java, Tensorflow, Keras, OpenCV, NLTK, Spacy, Pandas, Numpy, Scikitlearn, Scrapy.

Other: Management, Leadership, Teamwork, Decision Making

Achievements and Responsibilities

- Volunteer in SikshaVriksh NGO focused on education for children.
- Completed Grade 4 in Instrumental Keyboard from Trinity College of Music, London.
- Successfully organised various events for Entrepreneurship Cell.
- Participated in a number of Hackathons.
- E-Cell NIEC development head.

Languages

- English
- German
- Hindi