

# Vinay Vikram

Data Scientist

Seeking a position as Machine Learning Engineer / Data Scientist



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## WORK EXPERIENCE

### Data Scientist & AI Researcher Intern INSAID

07/2019 – 12/2019

Gurgram

*Achievements/Tasks*

- Ham-vs-Spam-Detection Web App: A Flask Web-app and integrating it with Machine learning to differentiate between Ham vs Spam.
- Sentiment-Analysis Web App: This is a Web-App made with Flask using Deep Learning and nltk to analyze the sentiment attached with text.
- Building a Question Answering Module on SQuAD Dataset.
- Build and deploy a Machine Learning Model(Web App) that can predict a car price base on the user car data.

### Data Scientist & AI Researcher Full Time INSAID

01/2020 – 03/2020

Gurgram

*Achievements/Tasks*

- Loan-defaulter-prediction Web App: This model is a flask web-app that predicts the " Whether to the Borrower gonna be a defaulter or not ".
- Car Price prediction: Data Science process to build and deploy a Machine Learning Model that can predict a car price.
- Rasa NLU Student Query Chatbot.
- Language Modeling : Auto-generate texts from Shakespeare writing using deep recurrent neural networks.

## EDUCATION

### B.TECH | 2013 - 2017

Ajay kumar engineering college (AKGEC)

*Electrical and Electronic Engineering*

- 69%

### CLASS XII | 2012 | CBSE

Kendriya Vidyalaya RRC Fatehgarh

*Science (PCM)*

- 82%

## PROJECTS

### Task Oriented Chatbot

- Building Dialog System and conversational platform using word embeddings, RNN, LSTM networks.

## TECHNICAL SKILL

Git Docker Tableau

Computer Vision NLP Flask

APIs AWS Spark

## LANGUAGES & LIBRARIES:

Python R HTML CSS

Bootstrap Tensorflow 2 Keras

Open CV NLTK Spacy

Pandas Numpy Scrapy

scikit learn

## 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, Time Series etc.

## OTHER :

Management Leadership

Teamwork Decision Making

## ACHIEVEMENTS

Codezilla hackathon 2018-Individual (2018)

*Mozilla Club, (Runner up)*

Kaggle Titanic Challenge

*Top 8%*

E-Cell NIEC development head involved managing and development of the app.

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## PROJECTS

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### Data Extraction and Text Analysis

- Extract some sections (which are mentioned below) from SEC / EDGAR financial reports and perform text analysis

### PUBG Finish Placement Prediction Using Machine Learning

### Email- summarization -with-Unsupervised-Learning

- Task is to perform Text- summarization on emails in languages such as English, Danish, French, etc. using Python.

### Sleepy Driver

- Detects and alarms the driver if found drowsy, built using computer vision and facial landmarks.

### Auto Tagging Stack Overflow Question - Research

- Multi label class classification, Python, TF-IDF, Neural-Network

### Predict Future Sales

- Based on daily historical sales data. The task is to forecast the total amount of products sold in every shop for the test set.