AAKANKSHA DHURANDHAR

Sector-9,Bhilai,Chattisgarh

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INTERESTS

Natural Language Processing,Machine Learning,Programming Languages,Computer Vision,Finance,Data Structures And Algorithms,System Design

INTERNSHIPS

- **Spotle.ai**   *May 2020-June 2020*
  Developed a sentiment analysis model for twitter tweets anaylsis.Used Tweepy and Textbolb for classifying tweets into positive,negative and neutral.

- **GOBaskt**   *Sep 2019-Feb 2020*
  Designed an algorithm for OCR system for receipts.Used and applied python and Opencv as well as programming skills to create and test the algorithm.Got an accuracy of 80 for the OCR model.Also,worked on user analytic tools like google anaytics.

EDUCATION

- **Bhilai Institute Of Technology,Durg**   *August 2017 - Present*
  Bachelor of Engineering, Computer Science   CGPA: 8.2

PROJECTS

- **Sentiment Analysis on COVID-19 tweets**   *May 2020 - June 2020*
  Designed a machine learning classifier to rate tweets based on their Sentiment.Used Tweepy and Textbolb for classifying COVID-19 tweets into positive,negative and neutral.Also,the classifier displays top 10 user handles.

- **Facial Point Detection**   *October 2019*
  Developed a 6 layer LeNet style convolutional neural network (CNN) to find 68 facial keypoints on a face.Used and implemented python and opencv as well as programming skills to create the CNN.

- **Image Captioning**   *December 2019*
  Designed a LSTM for image captioning.Used and implemented python,CNN,RNN for image captioning.The model trained achieved accuracy of 70 percent.

TECHNICAL STRENGTHS

Programming Languages	Fluent in C,C++,Python
Libraries	Pytorch,Tensorflow,NLTK,OpenCV,Numpy,Scikit-Learn
Web Development	Django,HTML,CSS,Javascript,Bootstrap,MySQL,React
Cloud Technologies	AWS,GCP

OTHER ACHIEVEMENTS

- **SIH 2019 Finalist**-Designed a web-based virtual ICU for Apollo hospital problem statement.Used django,mysql to create the application.Worked with a 6-member team for accomplishing the same.

- **GHCL Women Codathon Finalist**-Designed and developed a Facial recognisation E-voting system.Used django,mysql and opencv to create the application.