

Tarun

Graduate | Computer Engineering | DTU
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EDUCATION

UNDERGRADUATE (COE)

DTU | 2019

CGPA: 7.95/10.0

INTERMEDIATE (HSC)

RPVV KISHANGANJ, DELHI | 2014

Percentage: 90.2/100

MATRICULATION (SSC)

RSV No-4, DELHI | 2012

CGPA: 9.6/10.0

COURSEWORK

UNDERGRADUATE

2015-2019

Data Structures and Algorithms

Natural Language Processing

Operating Systems

Object Oriented Programming

Machine Learning

Database Management System

MOOC

Introduction to Python

Python Data Structures

SKILLS

PROGRAMMING LANGUAGES

- C/C++
- Python(Basic)
- Java(Basic)

OTHERS

- SQL (Familiar)
- Scikit-Learn (MLtools)
- HTML(Familiar)
- Platforms: Windows, Linux

LINKS

Github:// tarun9920

LinkedIn:// tarunkumar1997

HackerRank:// tarunkmr282

CodeChef:// tarunk97

Hackerearth:// tarunk97

EXPERIENCE

OPPO R&D | SOFTWARE ENGINEER

June 2019 – Present | Hyderabad, INDIA

- Build an IMS OPTIMIZATION TOOL which compares differences of configuration between 2 OPPO Mobile devices.
- Build an UE capability tool which simplifies the UE capability information, reduces the size of message into relevant information(>90%).
- Working with the Network team on technologies like LTE,VOLTE,IMS,SIP signalling..

PROJECTS

CLOTH RECOGNITION API

- Build a cloth recognition app by scrapping data from www.farfatch.com/ using transfer learning.
- Python library BeautifulSoup is used for scrapping images(data), then build a convolutional neural network using tensorflow-lite, for classification transfer learning technique with the help of mobilenet (88 percent accuracy).

SENTIMENT ANALYSIS

- Machine Learning Project on Sentiment Analysis using TWEETPY and TextBlob python module for Extracting Data from Twitter and find sentiment of tweets.

LOAN PREDICTION PROBLEM

- Developed Supervised Classifier, pre-processed features using pandas, and analyzed data to obtain important features, devised data using train_test_split, apply random forest classifier and achieved 85 percent accuracy on test data.

ACHIEVEMENTS

- Participated in Coding Competitions hosted on different online websites like: CodeChef and HackerRank.com.
- Secured 405th rank and 1170th in CodeChef cookoff and Long Challenge respectively.
- Team Qualified for Elimination Round 2 and Secured 615th rank in Snackdown 2017 organized by codechef.com.
- Secured 2 Silver medals in HackerRank week of code.

POSITION OF RESPONSIBILITY

COORDINATOR | CSI DTU | 2015-2016

- As Coordinator (AVANTGARDE) Annual TechFest of CSI-DTU.

EVENT ORGANIZOR | OCT 2015- APRIL 2016

- Part of Mathematics and Computing Society's Organizing Committee.

VOLUNTEER | AKSHAYA PATRA FOUNDATION | 2018 - 2019

- Worked as a volunteer in Akshaya Patra Foundation.