

Yash Gupta

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EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY (FORMERLY DCE)
B.TECH. IN SOFTWARE ENGINEERING
 2018-2022 | Delhi, India
 Cum. GPA: 8.77

HANSRAJ SMARAK SCHOOL
 XII Percentage: 92.8% (95% in PCM)
 X CGPA: 10.0/10.0

LINKS

Github:// [yashgupta417](#)
 LinkedIn:// [yashgupta417](#)
 Codeforces:// [yashgupta417](#)
 Codechef:// [yashgupta417](#)
 PlatyStore:// [MicMac Brains](#)
 Npm:// [yashgupta417](#)

COURSEWORK

UNDERGRADUATE

- Data Structures And Algorithms
- Algorithm Design and Analysis
- Object Oriented Programming
- Database Management System
- Operating Systems
- Machine Learning
- Computer Architecture

SKILLS

LANGUAGES

- C++ • C • Python
- Javascript • Java • Kotlin
- SQL • Matlab

WEB TECHNOLOGIES

- HTML • CSS • React.js
- Django • Node.js
- REST • Express.js
- MySQL • MongoDB

ML LIBRARIES

- Numpy • Matplotlib
- Pandas • Sckit-Learn
- Tensorflow • Keras

OTHERS

- Android • Git
- AWS • OpenCV

HOBBIES

- Playing Cricket • Chess
- Reading • Cycling

EXPERIENCE

INDIAN INSTITUTE OF TECHNOLOGY, DELHI | RESEARCH INTERN

October 2020 - February 2021 | Remote

- Studying fish behaviour analysis due to change in temperature of water.
- Applying clustering and deep-net techniques on data recorded by kinect v2 sensor.

FRESHOK | SOFTWARE ENGINEERING INTERN

April 2020 - May 2020 | Delhi, India

- Managed android team to build a multi-lingual android app using MVVM.
- Successfully deployed the app on the google play store.

PROJECTS

SELF DRIVING CAR | SEE PROJECT

- Predicting steering angle of the car using images gathered from car camera.
- Implemented NVIDIA's research paper on end to end learning using keras.

WOWCHAT | SEE PROJECT

- Instant messaging system written in python using django framework.
- It supports group chat, multimedia messages, offline chat storage.

HUMAN ACTIVITY RECOGNITION | SEE PROJECT

- Predicting human activities using data generated from various sensors.
- A comparative study between man-made and deep learned features.

RSA CRYPTOSYSTEM | SEE PROJECT

- A C++ program which simulates the working of RSA cryptosystem.

MNIST DIGIT CLASSIFICATION | SEE PROJECT

- Applied LeNet-a CNN architecture, on the MNIST dataset using keras.
- Managed to achieve an accuracy of 98.91%.

AMAZON REVIEWS ANALYSIS | SEE PROJECT

- Analyzed product reviews on amazon.com using various NLP techniques.
- Created various machine learning models to predict product sentiment.

ACHIEVEMENTS

GOOGLE KICKSTART

- 2020 ROUND E Global Rank: 532 India Rank: 295
- 2020 ROUND D Global Rank: 868 India Rank: 504

GOOGLE HASH CODE

- Round 2021 | India Rank: 39
- Round 2020 | India Rank: 102

CODEFORCES MAX RATING: 1848 (EXPERT)

- Codeforces Round 617 | Global Rank: 60 India Rank: 18

CODECHEF MAX RATING: 2003 (5 STAR)

- September 2020 Cook-off | World Rank: 21 India Rank: 13

GOOGLE PLAY DEVELOPER

- Publisher of an android app downloaded in 40+ countries.