Hitesh Malhotra

hmalhotra_be19@thapar.edu | +91 7626960019

EDUCATION

Thapar Institute of Engineering & Technology

Patiala, Punjab

B.TECH IN COMPUTER SCIENCE AND BUSINESS SYSTEMS (2019-2023) CGPA: 9.40 (upto 3rd sem)

Kundan Vidya Mandir

Ludhiana, Punjab (affiliated to CBSE)
Class 10 CGPA (2017):
10.0
Class 12 Percentage (2019): 89.67%
JEE Mains Percentile (2019) : 96

LINKS

Github:// @CodeWithHitesh
LinkedIn:// @hiteshmalhotra
Stack Overflow:// @14171365

SKILLS

Languages
Python • C/C++ • Matlab • JavaScript • R
HTML • CSS • ARM

Frameworks/Libraries
Bootstrap • Sklearn • Flask • Scrapy
Twilio

Miscellaneous
Git *(Cmd line)* • Linux • Windows • GitHub
Android Studio • PyCharm • IntelliJ
RStudio • VS Code • Postman

WORK EXPERIENCE

INTERNSHIP STUDIO | Intern | NOV 2020 – DEC 2020
- Built a "YouTube Adview Prediction" model
- Learnt about machine as well as deep learning.
- Also, I got to learn about working of search engines.

SIRPI DATA SCIENCE | R-Programmer | DEC 2020 - PRESENT
- Data visualization using R and R markdown
- Generating reports using R markdown
- Data extraction from pdf, excel and log files.
- Gained industry exposure.

PROJECTS

COVID DETECTION APP | PEOPLE CAN TEST THEMSELVES AGAINST COVID-19
- Users can register, setup profile, login/logout, read stories, update profile, know world statistics by hovering over map as well as other interactive features etc. Users have to upload X-Ray MRI image and we'll give the result in few minutes.
- It avoids physical contact hence reducing the risk of spreading covid-19 to our health workers. It is also for those people who either don't have the resources or they don't want to get tested and in no time, you get the result.

FLASK BLOG | WEBSITE WHERE PEOPLE CAN POST BLOGS
- Users can register, setup profile, login/logout, write blogs, view other's blogs, update profile and blogs, delete blogs etc.
- They have to activate their accounts by clicking on the activation link sent to the user's e-mail ID, they can also recover password if they forget.

SVD-Implementation-using-MATLAB | WITHOUT USING INBUILT FUNCTIONS
- Singular Value Decomposition (SVD) is used widely in signal processing. Noise reduction and image compression are some of the applications of SVD.
- Though we have inbuilt functions for finding the SVD of an image but I've implemented my own function whose output is same as that of the inbuilt function compared using Peak signal-to-noise ratio, often abbreviated PSNR

ACHIEVEMENTS

I'm interested in problem solving and solve problems from various Online Judges
- 6-star coder at Hackerrank
- Reached highest rating of 1608 on CodeChef