ANUSHKA AGARWAL

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SOFTWARE ENGINEER

A software engineer, trying to build my skills and enhance my performance

GITHUB: https://github.com/anushka120302

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EDUCATION

Year	Degree/Exam	Insititute	GPA/Marks(%)
Aug,2020 - present	B.TECH in CSE (Computer Science Engineering)	Graphic Era (deemed to be) University, Dehradun	8.94/10
2020	ISC	Summer Valley School, Dehradun	89%
2018	ICSE	Summer valley School, Dehradun	84.2%

RESEARCH PAPER

- **Diabetes Prediction System**

A research that shows what attributes are important for the prediction of diabetes and what not. It is tested upon PIMA Indian dataset of diabetes

- **Spectral Features based Robust Speech Spoofing Detection System :-**

In this research work, Speech spoofing detection has been developed in MATLAB platform that detects the spoofing by identifying between two classes a speech may belong to, namely the Original (genuine) and the Recorded then Replayed (R-R) Speech. This research paper is present on the IEEE Xplore.

INTERNSHIPS

Java Development Intern, CodeClause (Jan, 2023-Feb, 2023)- to develop a library management system using java and mysql from which a person can create user, login, register, get books details, can make issue book entries and the student records can also be stored.

PROJECTS

Diabetes Prediction System : A diabetes prediction system using the PIMA dataset for diabetes training and testing data and using 6 models (SVM, Logistic regression, Random Forest, Decision tree, K-nearest neighbor, Naive bayes) the accuracy is compared and then the final output predicted using a model.

Heart Disease prediction System: A heart disease prediction system using the dataset for heart disease training and testing data and using 6 models (SVM, Logistic regression, Random Forest, Decision tree, K-nearest neighbor, Naive bayes) the accuracy is compared and then the final output predicted using a model.

Movie Recommender System: A movie recommender system that has a database of approximately 5000 movies and recommends the top five movies. It is a content based recommender system.

Quiz Management system: A java project that takes in the student login and if correct then choice of subject, and allows to attempt a quiz and check result

Student Data Management System: A C++ project that takes in the student data, adds, deletes, edit it and displays it.

Shopping mall Management System : A java project that takes in the items, their quantity and prints the bill.

TECHNICAL SKILLS

- Language: Java (5* @ HackerRank), C++, HTML, CSS, Python, Machine Learning, MySQL
- Tools : Eclipse, Apache NetBeans, VS Code, CodeBlocks, Jupyter Notebook, PyCharm
- Machine learning tools: Pandas, Skit-Learn, Tensor flow, Keras

ACHIEVEMENTS

- Agile Methodology Virtual Experience Program By Cognizant
- Java Developer Intern at CodeClause(Jan 2023-Feb 2023)
- Scikit-Learn to Solve Regression Machine Learning Problems by Coursera (Jan 2023)
- Exploratory Data Analysis for Machine Learning by IBM (Jan 2023)
- Tathastu Scholar Intern by TwoWaits(Feb-March 2022)
- Author of the Book Great Minds at a Pace
- Python (July 2022)
- HTML and CSS certification Course (March 2022)
- C++ Programming(December, 2021)
- LeetCode: Solved 300+ problems (https://leetcode.com/anushka_agarwal__/)