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ACADEMIC DETAILS

Examination	University	Place	Year	CGPA/%
B.Tech CSE	*Graphic Era Hill University*	Dehradun, U.K.	Current	8.81
CBSE	Doon International School	Dehradun, U.K.	2020	92.4
CBSE	Doon International School	Dehradun, U.K.	2018	94.8

RESEARCH PAPERS

- **Home Credit Loan Default Prediction using Machine Learning algorithms (Ongoing)**
  A comparative study for predicting chances of loan default by a consumer by analysing banking and financial history of a client using machine learning and deep learning algorithms in **Python**
- **Malware Detection using Machine Learning algorithms (Ongoing)**
  A comparative study for detecting malware in a computer based on its hardware and software parameters using various machine learning algorithms in **Python**

MAJOR PROJECTS

- **Portfolio Website using full stack web development**
  Created a dynamic and fully responsive portfolio website using **HTML, CSS and Javascript**
- **Credit Default Prediction using machine learning algorithms (Python)**
  Tested multiple machine learning models to predict whether a consumer will default a loan based on their banking and transaction history using **sklearn, tensorflow and keras libraries in Python**
- **Malware Detection using machine learning algorithms (Python)**
  Developed multiple machine learning models to detect malware presence in a computer based on its hardware and software capabilities using **sklearn, tensorflow and keras libraries in Python**

TECHNICAL SKILLS

- **Languages** (Python, C, C++, Java, Javascript)
- **Developer Tools** (Git, Github, VSCode, Jupyter Notebook, Vim, Bash, Node.js, Tensorflow, Keras, Scikit-learn)
- **Coursework** (Operating Systems, Database Management Systems, Computer Networks)
- **Soft Skills** (Critical Thinking, Communication Skills, Collaboration)

CERTIFICATIONS

- **Machine Learning in Python - (Certification - Bootcamp from Udemy)**
  Mastered key **Data Science & AI concepts** such as **EDA, Data Preprocessing, Feature Engineering, Regression, Classification, Deep Learning, Natural Language Processing & Big Data processing using Spark**
- **Data Structures and Algorithms in C++ (Certification – UN-recognised Saylor Academy)**
  Functional understanding of: Arrays, Stacks, Queues, Strings, Linked List, Trees, Graphs, Greedy & Dynamic Programming