

Rameshwari KapoorEmail-id: rameshwari.kapoor09@gmail.com

Mobile No.: 9458979784

<https://github.com/RameshwariKapoor><https://www.linkedin.com/in/rameshwari-kapoor-954bb722a/>**ACADEMIC DETAILS**

Year	Degree	Institute	GPA/Marks(%)
Oct, 2021 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	9.09 /10
2021	12 th I.C.S.E	Convent Of Jesus And Mary	93.00 %
2019	10 th I.C.S.E	Convent Of Jesus And Mary	93.00 %

PROJECTS

- **Skin Disease Classification:** Developed a model leveraging image processing and computer vision techniques, including Convolutional Neural Networks (CNN), and employed morphological preprocessing using MATLAB and Python for enhanced image analysis.
- **Stock Price Prediction:** Developed an LSTM Neural Network for predicting the stock price using the Microsoft Corporation (MSFT) Stock price.
- **Handwritten Digit Recognition:** Developed a convolutional neural network classifier for recognizing handwritten digits which were trained and tested using the MNIST dataset giving 97% accuracy.
- **Crop Recommendation System:** Developed machine learning model for the process of recommending ideal crops to maximise profits of farmers using soil factors such as nitrogen, phosphorous and potassium amounts as well as climatic factors such as pressure, temperature and rainfall in the region.

RESEARCH PAPERS

- **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**.
- **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 the customer using machine learning algorithms in **Python**.

SKILLS

- **Languages - Python** (proficient), Java (proficient), C (proficient), C++ (proficient), HTML, **CSS**, **SQL**, JavaScript.
- **Developer Tools** – Git and GitHub, Visual Studio Code, Jupyter Notebook Sublime Text, Bash, Vim, NodeJS.
- **Coursework-** Database Management System (DBMS), Operating System, Computer Networks
- **Python Libraries** - Tensorflow, Keras, scikit-learn, PyTorch, streamlit, nltk, numpy, pandas.
- **Operating System** – Windows , Linux
- **Soft Skills-** Leadership Skills, Communication Skills, Interpersonal skills

SCHOLASTIC And CO-SCHOLASTIC ACHIEVEMENTS

- **Hackathon** - Secured 1st position in a 24-hour Hackathon as a Team Leader and received a cash prize of INR 8000.
- **Virtual Internship** - completed the Cisco AICTE Virtual Internship Program in Python Programming
- **Team Leader** - Led a team of 3 to the semi-final round of the “BuzzFeed Technical Quiz” and a team of 4 to victory in 3 out of 5 events of “FUN-A-THON” held at Graphic Era Hill University.

CERTIFICATIONS

- **Machine Learning with Python:** Certificate authorized by IBM and offered by Coursera.
- **Programming Essentials in Python:** Certificate offered by Cisco Networking Academy
- **Introduction to Git and GitHub:** Certificate authorized by Google and offered by Coursera.