|  |
| --- |
| Nitish singla  Chandigarh · 8289007866  [nitish29singla@gmail.com](mailto:nitish29singla@gmail.com)  https://github.com/nit29sin |

**EDUCATION**

University of Petroleum and Energy Studies, Dehradun 2018-2022

Bachelor of Technology, Computer Science with DevOps

**SKILLS**

**Languages**: Python, C++, Java

**Software**: Github, Jenkins, Maven, Sonarqube, Selenium, Nexus, AWS, Docker

**Technologies**: Machine Learning

**PROJECTS**

**DNA SEQUENCING AND GENOME ANALYSIS**

Sequenced the DNA from the actual error-prone DNA reads of a Single Celled Organism such as phiX174 virus and SARS virus using different graph theory and string manipulation algorithms.

**SKIN CANCER DETECTION USING MACHINE LEARNING**

Developing a Machine Learning model using neural networks to predict the probability whether that person has skin cancer or not. Images of skin moles are using as the dataset to train the model.

**AUTOMATED CICD PIPELINE USING GITHUB WEBHOOKS**

Automated Continuous Integration and Continuous Delivery pipeline is created using Jenkins, Sonarqube, Nexus and Github Webhooks.

**HANDWRITING RECOGNITION SYSTEM**

Created a Machine Learning using neural networks to recognize the numerical digits from the handwritten digits. MNIST Dataset is used to train the model.

**CERTIFICATIONS**

**MACHINE LEARNING BY STANFORD UNIVERSITY**

Course on Machine Learning by Prof. Andrew Ng on Coursera.

**MICROSOFT TECHNOLOGY ASSOCIATE**

Successfully completed requirements to be recognized as Microsoft Technology Associate for Python.

**INTRODUCTION TO ARTIFICIAL INTELLIGENCE**

Completed Artificial Intelligence Course by IBM on Coursera

**INTRODUCTION TO SOFTWARE PRODUCT MANAGEMENT**

Completed Software Product Management Course by University of Alberta on Coursera

**MACHINE LEARNING WITH PYTHON**

Completed Machine Learning with Python Course by Foxmula.

**VOLUNTEER**

INDIAN RED CROSS SOCIETY OLD AGE HOME

Worked as a Social Intern at Indian Red Cross Society Old Age Home.