

Career Objective:

To gain in-depth knowledge through expertly designed curriculum to obtain employment in a leading organization in the Computer Science working as a Machine Learning Engineer or Data Analyst

Education:

Bachelor in Technology, Computer Engineering (CGPA: 9.42/10)

2020

Institute: Indus Institute of Technology and Engineering, Indus University

Internship:

Research Intern

Indian Space Research Organization, Ahmedabad

December, 2019- Present

- Selected as a Research intern at ISRO in Satellite Meteorology and Oceanography Research and Training (SMART) department and started an internship on Deep Learning

Machine Learning Intern

Fusion Informatics, Ahmedabad

July, 2019-October, 2019

- Working on a project to build a chatbot and integrate it with the website which will give voice notifications to the higher authorities like CEO's whenever they have scheduled meetings

Web Developer Intern

Silverwings Technologies, Ahmedabad

May, 2017

- Worked with HTML, CSS, JavaScript, JQuery in order to develop a dynamic website which was then hosted on the Internet with the help of domain provided

Academic Projects:

Text Classification and Comparison of KNN, Random Forest and Logistic Regression:

7th semester – 2019

- Cleaned the data and apply ML algorithms to find out accuracy, precision, f1-score, support and confusion matrix and choose which algorithm among three was the best

Chatbot for Restaurant and Food Ordering:

6th semester - 2019

- Created a chatbot for ordering food to save the time
- Worked with creating the intents, code in Python and JSON files to create chatbot

Med.ai:

6th semester – 2019

- Created a website for doctors who want prognosis of their patients who are suffering from serious diseases like cancer, pneumonia, etc.
- Performed CNN on Chest X-Ray dataset to detect if the person is going to suffer from Pneumonia and Blood Cancer

Tweet Extraction Using Python:

6th semester – 2019

- Extracted tweets to apply ML algorithms to find out the accuracy of those algorithms and compare them to find the best one

Restaurant and Billing Management System:

5th semester – 2018

- Created a small swing application for restaurant that displayed the bill with proper amount
- Calculated the bill when customer confirmed it and handled database connection

Research Publications:

- A Quick Overview to the Transfer Learning and it's Significance in Real World Application**

Status: Accepted

Publication: Medium.com

Role:

- Reading online articles and research papers inspired me to write the whole article

- A Comparative Analysis of Logistic Regression, Random Forest and KNN Models for the Text Classification**

Status: Accepted

Journal: Augmented Human Research

Publication: Springer

Role:

- Wrote the working of the research paper and gave the conclusion and result
- Presented the reason why this paper is different from other papers on this topic

- Implementation of RSA 4096 bit and AES 4096 bit with Digital Signature for Enhancement of the Security**

Status: Under revision

Journal: Journal of Cryptographic Engineering

Publication: Springer

Role:

- Worked on the implementation for the generation of the robust Digital Signature
- Wrote the working of research paper and gave conclusion and result

- **Crop Protection and Disease Detection Using Computer Vision: A Review**

Status: Under revision

Journal: Artificial Intelligence in Agriculture

Publication: Elsevier

Role:

- Wrote literature review on fruits and vegetables by studying more than 40 papers
- Constructed table which showed what methods are employed in different crops

Independent Coursework:

Python for Everybody Specialization from University of Michigan, Neural Networks, and Deep Learning, Structuring Machine Learning Projects, Machine Learning from Stanford University, Machine Learning Algorithms in the Real World (Specialization) from Alberta Machine Learning Institute, 'Getting Started with AWS Machine Learning', C and C++, Java, Python from Indian Institute of Bombay

Skills and Expertise:

- **Technical Skills:** C, C++, Java, Python, HTML, CSS, JavaScript, Machine Learning, Deep Learning, Data Mining, NetBeans
- **Organizational skills:** Leadership Qualities, Management, Entrepreneurship,

Extra-Curricular Activities

- Organized different activities relevant to computer field as a Coordinator of CESA
- Worked as a member on marketing team of Bits Pilani, IIM Lucknow, and IIT Roorkee

Membership:

- Data Science Community on Coursera 2019
- Computer Science Community on Coursera 2019
- Artificial Intelligence Community on Coursera 2019

Coding Competitions

- Participated in Code-O-Holmes event that was organized by the International Society of Automation (ISA) Student's Chapter
- Participated in Code-A-Thon event that was organized by the International Society of Automation (ISA) Student's Chapter
- Participated in CodeDojo Competitive Coding Competition organized by Computer Engineering Students Association (CES) at Indus University