

# Chandresh Pandey

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| 📍 263139, Uttarakhand, India

## Education

### Bachelor of Technology , ECE

Govind Ballabh Pant Institute of Engineering & Technology, Pauri Garhwal, Uttarakhand, India

Percentage - 70

May, 2018 - Jun, 2022

### Higher Secondary

St. Theresa Senior Secondary School

Percentage - 68

May, 2017 - May, 2018

### Secondary School

St. Theresa Senior Secondary School

CGPA - 9.8

May, 2015 - May, 2016

## Skills

<b>Machine Learning</b>	Data Collection, Data pre-processing, Classification, Regression, Clustering, Computer-Vision, DeepLearning, NLP
<b>Languages</b>	C, C++, Python, SQL
<b>Frameworks</b>	Tensorflow, PyTorch, Flask
<b>Libraries</b>	Pandas, NumPy, Scikit-learn, Matplotlib, BeautifulSoup
<b>Others</b>	Git, GitHub, Docker, Linux
<b>Extra Curricular</b>	Reading, Fitness, Guitar Strumming, Chess

## Projects

### PyTorch Transformer

PyTorch

Jan 2023

- Implemented the Transformer model from the "Attention Is All You Need" paper by Vaswani et al. using PyTorch.
- Applied the Transformer model to various natural language processing tasks, such as machine translation and sentiment analysis.

### PDF-Synopsis Generator

Python, Flask, HuggingFace

Sep 2023

- SummarizeMaster is an AI-powered application designed to simplify reading by extracting concise summaries from PDF books.
- It utilizes advanced models BART to provide insightful book summaries efficiently.

### Lung cancer prediction using Image-Segmentation, Equalization and Transfer learning

Tensorflow, OpenCV, Seaborn

June 2023

- Implemented an automatic lung cancer detection system using deep learning techniques to improve accuracy and reduce diagnosis time.
- Employed image processing methods, including Histogram Equalization and Threshold Segmentation, to preprocess CT scan images for better contrast and segmentation.
- Developed and trained various deep learning models, including Convolutional Neural Networks (CNN), VGG16, VGG19, MobileNet, ResNet50, Xception, and InceptionV3, for lung cancer prediction.

## Industrial Training

### Bharat Sanchar Nigam Limited(BSNL)

Ghaziabad ,U.P,India

Industrial Training

Jun 2019 - July 2019

- The training exposed me to the fundamental concepts and best practices in networking technologies, including LANs, WANs, and network security.
- I learned how to design computer networks, including configuring network devices such as routers and switches, managing network protocols, and troubleshooting network issues.

### ENSINO

Uttarakhand,India

Internship Training

Oct 2021 - Dec 2021

- Gained hands-on experience in Python programming language, specifically in using the NumPy and Pandas libraries.
- Acquired skills in data manipulation, data analysis, visualization, and web development using Python's NumPy, Pandas libraries, and Flask framework.