# Anmol **Sharma**

COMPUTATIONAL SCIENCE & ENGINEERING · APPLIED MATHEMATICIAN

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*"Be the change you want to see in the world."*

## **Sum**mary

A Third Year Integrated M.Sc Student in Mathematics and Computing with a strong academic background with the ability to think through a problem coupled with the confidence to solve problems.My interest lie in the field of Data Science, Machine Learning, Artificial Intelligence and Deep Learning.I am currently looking for a internship opportunity that will allow me to work alongside an expert team of talented individuals.Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

## **Edu**cation

**Birla Institute of Technology, Mesra** *Ranchi, JH., India*
INTEGRATED MASTERS IN MATHEMATICS & COMPUTING *Jul. 2018 - May 2023*

**SJ D.A.V. Public School** *Chaibasa, JH., India*
SENIOR SECONDARY SCHOOL *April. 2018*
- Senior Secondary School, CBSE Board, 78.0 %

**St.Xavier's English School** *Chakradharpur, JH., India*
SECONDARY SCHOOL *May. 2016*
- Senior Secondary School, ICSE Board, 88 %

## **Per**sonal Projects

**Data Analysis For Suicide Rate** *Personal Project*
*May 2019*

- This Project was of Analysing Suicide Rate Dataset between the year 1987 to 2016.
- Tools - Pandas and Seaborn in Python

**Price Prediction On Housing Dataset** *Personal Project*
*June 2019*

- This Project is about Data Analysis,Data Visualization, Prediction using Regression
- Tools - Matplotlib,Seaborn, Pandas and Numpy in Python.

**AirBnb Analysis** *Personal Project*
*June 2019*

- This Project is about Analysis of AirBnB dataset of Seattle City and prediction of prices of listings employing machine learning linear regression
- Tools - Linear Regression in Python.

**Movie Recommendation** *Personal Project*
*July 2019*

- This Project is about Implementing K Nearest Neighbours Machine and Learning concept in Movie recommendation System.
- Tools - K-Nearest Neighbour algorithm,Content Based,Natural Language Processing

**Amazon Product Review** *Personal Project*
*August 2019*

- This Project is about Sentimental Analysis of Amazon Product Review on Positive and Negative Reviews
- Tools - TFI-DF and other Machine Learning Tools

**Image Processing** *Personal Project*
*September 2019*

- This Project is about Image Prepossessing and Classification of Images in different Labels.
- Tools - Deep Learning and Neural Networks CNN and Optimization tools

**COVID19 Data Analysis Using Python** *Personal Project*
*September 2020*

- This Project is about analyzing Covid-19 Dataset.
- Tools - Pandas,Numpy and Seaborn.

# Certifications

- Getting Started with Python By University of Michigan (Coursera Course Certificates)
- Getting Started with AWS Machine Learning (Coursera Course Certificates)
- Support Vector Machine with scikit learn (Coursera Course Certificates)
- Time Series Anaysis and Forecasting using Python (Coursera Course Certificates)
- Python for Data Science(Cognitive Classes : IBM)
- Data Analysis with Python (Cognitive Classes : IBM)

# Technical Skills

- Languages: Python(Intermediate),C/C++(Intermediate), R(Basic), Java (Basic)
- Data Analysis, Machine Learning, AWS Machine Learning, NLP, Deep Learning
- CNN,ANN,SVM,Time Series Forecasting
- Graphic Designing
- DBMS: MySQL(Intermediate)
- Tools & Technologies: NLTK(Intermdediate), Scikit-Learn(Intermediate), Keras(Basic)
- Softwares: LaTeX, MS Office