

PRATEEK SARANGI

 1st December 1999 @ sarangiprateek80@gmail.com ☎ +91 8114316491 📍 Sambalpur, Odisha, India
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EXPERIENCE

Internship

Centre for Development of Advance Computing

 December 2019 – January 2020 📍 Pune

- Worked on High-Performance Computing and worked on libraries like OpenMP and MPI
- Worked on how to use Intel Propriety tools like: VTune, ITAC and Quantum Espresso
- Developed a web-app which will take the patient's chest X-ray image as the input and using a convolutional neural network predict whether the patient is having pneumonia or not

Research Internship

National Institute of Technology

 May 2019 – July 2019 📍 Rourkela

- Gained hands-on experience in Video-Based Human Activity Classification using Deep Learning
- The project is about classifying human activity from UCF-Action dataset and generate caption accordingly so as to get a summary report of the video
- It can further improve to Crime specific dataset so that a police report can be generated for FIR

Research Internship

Indian Institute of Technology

 June 2018 – July 2018 📍 Bhubaneswar

- Gained hands-on experience in Artificial Neural Network, Machine Learning and Direct modelling
- Designed and simulated XOR Gate using Artificial Neural Network. Irish Flower Clustering using K-means clustering
- The project is about unsupervised learning of the Irish flower dataset

PROJECTS

Pneumonia prediction from chest x-ray

Centre for Development of Advance Computing

 February 2020 – March 2020 📍 Pune

- A web-app which is capable of detecting whether a patient is having pneumonia or not from the X-Ray image provided to it and annotate the doctor so that the doctor can prescribe proper medicine for the patient.
- GitHub Link:- https://github.com/prateeksarangi/X-Ray_Classification-CDAC

Word Prediction Application

Coursera

 March 2020 – April 2020

- A shiny web-app which takes input as text into the box in a panel (at least one word) and predicts next word which will be displayed in the main panel.
- Shiny app link:- <https://prateeksarangi80.shinyapps.io/CapStone/>
- Report link:- <https://rpubs.com/prateeksarangi/599644>
- Github link:- <https://github.com/prateeksarangi/DataScienceCapstone>

CERTIFICATES

Data Science Specialization

Coursera

 April 2020 – No Expiration Date

Tensorflow and Keras for Neural Network and Deep learning

Udemy

 May 2019 – No Expiration Date

Crash course in Deep Learning with Google Tensorflow | Python

Coursera

 May 2019 – No Expiration Date

R Programming

Coursera

 April 2019 – No Expiration Date

SOFTSKILLS

Management Team Work
Organization Public Speaking
Professionalism Responsibility
MultiTasking Work Under Pressure
Leadership

TECHNICAL SKILLS

C++ Python R Swift MATLAB
Machine Learning Deep Learning
Data Analytics Arduino
Raspberry pi Linux Bash Scripting

EDUCATION

B.Tech in Computer Science and Engineering

Veer Surendra Sai University of Technology

 August 2017 – Ongoing

CGPA - 7.23/10

LANGUAGES

English
Hindi

