

Subrata Sarkar

Python enthusiast likes to automate all boring stuff | machine learning enthusiast

✉ subrotosarkar32@gmail.com

📍 E-123/B, D.P.L Colony, Durgapur, West Bengal, India

🌐 github.com/SubrataSarkar32

📞 +91-9002824700

🌐 subratasarkar32.github.io

📄 stackoverflow.com/users/8269124/subrata-sarkar

EDUCATION

Computer Science and Engineering

Government College of Engineering and Ceramic Technology Pursuing Bachelor of Technology

06/2017 - Present

Kolkata, India

12th (Senior Secondary Examination) , Central Board of Secondary Education

Amrita Vidyalayam

2017

Durgapur ,India 85%

10th (Secondary Examination) , Central Board of Secondary Education

Amrita Vidyalayam

2015

Durgapur, India 84.7%

PROJECTS

TB and Pneumonia Detection using Deep Learning on X-Ray images [↗](#)

- We used Keras to perform deep learning by building a convolutional neural network architecture. This model provides around 89% accuracy on test data set which is great if we consider training data. We also converted the model into tflite model to be used for mobile applications.

Chatpit [↗](#)

- A chat app for android with no encryption. Anonymously post messages in a group , the groups consist of users who are registered app users and are saved contacts of the creator of the group.

Multi class text classification using Google BERT and tensorflow [↗](#)

- We used Google BERT uncased model with tensorflow to predict product category from product description. This model provides around 90% accuracy on validation dataset which is great if we consider training data.

Pyhinavrophenetic - convert phonetic text to hindi [↗](#)

- English phonetic to hindi unicode conversion python package. A hindi version of the official Python port for Avro. Available on pypi.

Cat, dog and human classifier [↗](#)

- We used Keras to build a CNN model for classifying cat, dog and human images. We achieved around 80% accuracy on test data set.

SKILLS

Python

C

C++

Java

HTML

CSS

SQL

Flask

ACHIEVEMENTS

Qualified to ICPC Kharagpur Regionals 2019 [↗](#)

Qualified Round 1B of Codechef Snackdown 2019 [↗](#)

CERTIFICATES

Six weeks Machine Learning training & certification by Internshala Training (06/2020 - 07/2020) [↗](#)

Neural Networks and Deep Learning by Coursera (05/2020 - 06/2020) [↗](#)

Six weeks Data Science training & certification by Internshala Training (06/2019 - 07/2019) [↗](#)

Twelve weeks certification "Joy of computing using Python" by NPTEL (01/2019 - 04/2019) [↗](#)

LANGUAGES

English

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency

Hindi

Limited Working Proficiency

INTERESTS

Automate boring stuff

Drawing