



Subrata Sarkar

Project Engineer

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

✉ subrotosarkar32@gmail.com

📍 Durgapur, West Bengal, India

🌐 github.com/SubrataSarkar32

📞 +91-9002824700

💻 subratasarkar32.github.io

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

EDUCATION

M. Tech (Computer Science and Engineering) Nattional Institute of Technology, Durgapur

07/2022 - 08/2024

Durgapur, India pursuing

B. Tech(Computer Science and Engineering) Government College of Engineering and Ceramic Technology

06/2017 - 07/2021

Kolkata, India 9.24

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%

WORK EXPERIENCE

Research Intern

Samsung Semiconductor Research India

07/2023 - 06/2024

Bangalore

Spot Award for delivering AI solution

- Received Spot Award for delivering POC of log anomaly detection using Transformer Neural Networks which also highlights important sections in anomaly text

Project Engineer

Wipro Limited

07/2021 - 08/2022

WFH

Support and maintain Managed File Transfer

- Received Trail Blazers Award for delivering 10 automation fixes on time as a team to support and maintain Managed File Transfer system

ACHIEVEMENTS

Qualified to ICPC Kharagpur Regionals 2019

Qualified Round 1B of Codechef Snackdown 2019

Coordinated coding event in college technical fest
KARMATEK 2k19 (03/2019 - 03/2019)

SKILLS

Python

C

C++

Keras

Java

HTML

CSS

SQL

Flask

PROJECTS

Quantum Image Teleportation Based on Probabilistic Bit-Encoding Strategy (01/2023 - 07/2023)

- We demonstrate a simulation of quantum image teleportation. Published in International Conference on Pattern Recognition and Machine Intelligence

Built Intelligent West Bengal Bird identification System - Birdid (12/2022 - 06/2024)

- Achieved 85.96% accuracy on test data (400+ classes) using Mobilenet_v2. Windows executable and webapp developed.

TB and Pneumonia Detection using Deep Learning on X- Ray images (07/2019 - 12/2020)

- Achieved 89% accuracy on test data. Published in Scientific Voyage.

Built result management system for college - OpenResult (04/2020 - 07/2021)

- Developed web app-based Result Management system for college. Implemented multiple security features such as email confirmation and password reset facility. 5 automatic excel and 2 PDF generation function for results.

Pyhinavrophonetic - convert phonetic text to hindi (09/2016 - 08/2017)

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

CERTIFICATES

Internship on Malaria Detection under guidance of Dr.Kushal K. Shah(IISERB) (06/2020 - 08/2020)

Malaria detection from RBC images using shallow Convolutional Neural Networks

LANGUAGES

English

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Automate boring stuff

Drawing

reading manga