Subrata Sarkar
Project Engineer

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 github.com/SubrataSarkar32 stackoverflow.com/users/8269124/subrata-sarkar

WORK EXPERIENCE

Project Engineer
Wipro Limited

07/2021 - 08/2022,

Support and maintain Axway SecureTransport

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

PROJECTS

TB and Pneumonia Detection using Deep Learning on X- Ray images (07/2019 - 12/2020)[Paper published] ☒

- Acheived 89% accuracy on test data set using CNN. The paper got 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.

Myocardial Ischaemia detection (07/2020 - 07/2021) ☒

- Classification of myocardial ischemic ECG using 1D CNN on time series data. We achieved around 91% accuracy on test data set.

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.

PAGamesSSDDR (09/2016 - present) ☒

- Group initiative to popularize open source based software and web app building solutions for real world problems. More than 6 apps(desktop/web app) already hosted.

SKILLS

Python C C++ Keras Java HTML

CSS SQL Flask

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)

EDUCATION

MTech(Computer Science and Engineering)

National Institute of Technology, Durgapur

08/2022 - 08/2024 *Durgapur, India Pursuing*

BTech(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%*

CERTIFICATES

Internship on Malaria Detection under guidance of Dr.Kushal K. Shah(IISERB) (06/2020 - 08/2020)[pre-print published] ☒

Malaria detection from RBC images using shallow Convolutional Neural Networks ☒

Neural Networks and Deep Learning by Coursera (05/2020 - 06/2020) ☒

INTERESTS

Automate boring stuff Drawing

reading manga