SAGNIK SINGHA ROY

A self-motivated graduate with Web application development, Machine Learning and Deep Learning as areas of knowledge. Seeking a position where background in these relevant fields can drive innovative decision making.

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in linkedin.com/in/sagnik7

SKILLS

Java JavaScript

Python php SQL

Machine Learning

Deep Learning

LANGUAGES

English Bengali

Hindi

EDUCATION

B.Tech (Information Technology)
Heritage Institute of Technology, Kolkata
08/2015 - 06/2019   *CGPA - 6.68*

West Bengal Council of Higher Secondary Education (WBCHSE)
Mahesh Sri Ramkrishna Ashram Vidyalaya, Hooghly
05/2014   *% of marks - 85.8*

West Bengal Board Of Secondary Education (WBBSE)
Mahesh Sri Ramkrishna Ashram Vidyalaya, Hooghly
05/2012   *% of marks - 86.6*

PROJECT EXPERIENCE

E-commerce web application
- E-commerce web application development using React and Node.
- User can register, search by filter , buy products and admin can add, delete, update products.
- Admin can view dashboard with sales, transaction details.

Analysis of aquifer
- Exploratory data analysis of features and determine how these features influences the water availability of waterbody given in aquifer dataset.
- Understanding of volumes and time series forecast, to predict water availability for each time interval of the year.

Identification of Pneumothorax disease in chest x-rays
- Pneumothorax is usually diagnosed by a radiologist on a chest x-ray.
- Used feature extraction methods and convolutional neural network based architecture to find the area of pneumothorax from a set of chest radiographic images

Parkinson's disease detection
- Detection of Parkinson's disease using voice feature dataset recorded from a group of normal people and people with Parkinson's disease.
- Exploratory data analysis of features and used machine learning and deep learning methods separately to measure the accuracy of classification

E-wallet web application
- E-wallet web application development using JavaScript, php and MySql.
- User can register, add money, provide loan to another user.
- User can set savings target.

CERTIFICATIONS

AWS Computer Vision: Getting Started with GluonCV (04/2020 - Present)
Coursera

DECLARATION

I hereby declare that all the above given factors are true and correct to the best of my knowledge
Date : 03/2021 Place: Uttarpara, Hooghly