ARYA SARKAR

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EDUCATION

University of Engineering & Management, Kolkata　06-2019 – 06-2023
*B.Tech in Computer Science and Engineering - **CGPA** - **9.56**　Kolkata, India*

St. Paul's Mission School　04 2017 – 04 2017
*ISC - **Percentage** - **74.66%**　Kolkata, India*

INTERNSHIP

The TannMann Gaadi Foundation⬀　12 2021 – 04 2022
Tensorflow Engineer　*Remote*
- Implemented a python code to extract text from video and applied NLP pipeline to extract keywords from the text using topic modeling.
- Assisted the backend team to integrate machine learning model in a website.
- Worked on 'Virtual-TryOn' to let the customer fit there clothes virtually.

Codespeedy Technology Private Limited ⬀　01 2021 – 02 2021
Python Developer　*Remote*
- Worked as python developer and helped contributing in some valuable source code and prepared documentation as well.
- Implemented folium and other python libraries to develop the projects.

PROJECTS

Parking Lot Detection System　| Detectron2, Numpy, Pandas, Streamlit　01 2022
- This is machine learning web based application which can be used to monitor parking spaces and also integrated an analytical dashboard for the user.
- Implemented an object detection algorithm which can efficiently detect the vacant parking spaces.

Cotton Disease Detection　| Keras, TensorFlow, Seaborn, Streamlit, Heroku　11 2021
- The goal of the project was to predict whether the cotton plant leaf is suffering from disease.
- Implemented a deep learning model using transfer learning technique with accuracy of 90%

Hotel Management System　| Java, Java Swing, OracleDB　06 2020
- A desktop based application based on java which used to manage an entire hotel efficiently.
- In this the management will able to perform check-in,check-out as well as manage staff attendance and transactions and inventory of a hotel.

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Machine Learning

TECHNICAL SKILLS

Languages: Python, Java, SQL, HTML, CSS
Developer Tools: VS Code, Jupiter Notebook, Colaboratory, Netbeans, Heroku, Github
Technologies/Frameworks: Numpy, Pandas, Tensorflow, Keras, Scikit-learn, Seaborn, Streamlit, Power BI(familiar)

EXTRACURRICULAR

Participated in JWOC ,open source competition and Rank-41.

Participated in Hack4Bengal Hackathon

CERTIFICATIONS

- Programming for Everybody Getting Started with Python - Coursera
- Data Analysis with Python - CognitiveClass.ai
- Machine Learning & Deep Learning in Python & R - Udemy