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SUMMARY

Data Science intern with 1+ year of experience comprising Data Science and Data Engineering. A quick learner and self-motivated individual, who adapts as well as challenges status quo.

KEY SKILLS

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| * Data Visualization | * Predictive Analysis | * Statistical Modeling | * Clustering and Classification |
| * Web Scrapping | * ML Algorithms | * Model Development |  |

TECHNICAL SKILLS

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| * Tools | Python, MySQL, MongoDB, Docker ,Azure, AWS |
| * Packages | Numpy, Pandas, Matplotlib, Scikit-learn, BeautifulSoup, Selenium |
| * Machine Learning | Clustering, Regression, Classification, Spark, Statistical Analysis |
| * Computer Vision | Custom Object Detection, OpenCV, Yolo, Detectron2 |
| * Deep Learning | Tensorflow, Keras, CNN, RCNN |

EXPERIENCE

05/2021 – Present **Data Science Intern,** Inueron Intelligence (iNeuron.ai), Bangalore  
 Project: UAV Survillance System to Detect Abnormal Anomaly

* + - * + Contributed in HLD designing.
        + Contributed in data collection, data finalization and data preprocessing.
        + Contributed in labelling anomalies.
        + Contributed in developing a prototype model using YOLO-V4 and SSD-Mobilenet.

07/2019 – Present **Python Developer,** Webgen Technologies Pvt. Ltd., Kolkata

* + - * + Developed ElasticSearch Engine to get Emails from DynamoDB and update Dynamodb after validating the Email address with a message.
        + Scrapping data from resumes like email, phone, LinkedIn id etc. and stored in MySQL.
        + Developed API’s in Django to exchange data from different applications.
        + File handling in AWS s3 Bucket.
        + Developed Bots to automate registration process on various websites using user data from database.
        + Developed dashboard for multi user registration and API permissions in Django.

11/2020 – 01/2021 **Data Science Intern,** Inueron Intelligence (iNeuron.ai), Bangalore  
 Project: Identifying faulty silicon wafers

* + - * + Developed an automated system to collect data from the storage device, separate good files from bad files, check for null datas, do some data preprocessing then saving the good datas in Database, after which the data is automatically downloaded and trained using different algorithms of clustering and classifications and finally all the models for different clusters are saved in the storage with the clustering model.
        + Exchanging intermediate data in database.
        + File handling in Azure Blob Containers.
        + Integrated a Cloud Watcher to receive alerts on incoming files in a container.
        + Created a dashboard to analyze the performance and tracking the files on daily basis.
        + Used CI/CD pipelining to deploy the application.  
          **Tools Used: Python3, MongoDB, Azure, Flask, Docker, Dash, Github Actons.**

08/2020 – 11/2020 **Data Science Intern,** Inueron Intelligence (iNeuron.ai), Bangalore  
 Project: Identifying Salary Category

* + - * + Developed an automated system to collect data from the storage device, separate good files from bad files, check for null datas, do some data preprocessing then saving the good datas in Database, after which the data is automatically downloaded and trained using different algorithms of clustering and classifications and finally all the models for different clusters are saved in the storage with the clustering model.
        + Exchanging intermediate data in database.
        + File handling in Google Cloud Bucket.
        + Created a dashboard to analyze the performance and tracking the files on daily basis.
        + Used CI/CD pipelining to deploy the application.  
          **Tools Used: Python3, MongoDB, GCP, Flask, Docker, Dash, Github Actons.**

07/2020 – 08/2020 **Data Science Intern,** Inueron Intelligence (iNeuron.ai), Bangalore  
 Project: Identifying Credit Card Defaulters

* + - * + Developed an automated system to collect data from the storage device, separate good files from bad files, check for null datas, do some data preprocessing then saving the good datas in Database, after which the data is automatically downloaded and trained using different algorithms of clustering and classifications and finally all the models for different clusters are saved in the storage with the clustering model.
        + Exchanging intermediate data in Database.
        + File handling in Google Cloud Bucket.
        + Created a dashboard to analyze the performance and tracking the files on daily basis.
        + Used CI/CD pipelining to deploy the application.  
          **Tools Used: Python3, MongoDB, GCP, Flask, Docker, Dash, Github Actons.**

PERSONAL PROJECTS

**Project**: BigMarts Sales Prediction  
**Tasks**: Build a predictive model and find out the sales of each product at a particular store.

* Developed an automated system to collect data from the local storage, separate good files from bad files, check for null datas, do some data preprocessing then saving the good datas in Database, after which the data is automatically downloaded and trained using different algorithms of clustering and regressions and finally all the models for different clusters are saved in the local storage with the clustering model.
* Created a dashboard to analyze the performance and tracking the files on daily basis.
* Used CI/CD pipelining to deploy the application.  
  **Tools Used: Python3, MongoDB, AWS, Flask, Docker, Dash, Github Actons.**

**Project**: BackOrder Prediction  
**Tasks**: To build a model which will be able to predict whether an order for a given product can go on backorder or not.

(A backorder is the order which could not be fulfilled by the company. Due to high demand of a product, the company was not able to keep up with the delivery of the order.)

* Developed an automated system to collect data from the local storage, separate good files from bad files, check for null datas, do some data preprocessing then saving the good datas in Database, after which the data is automatically downloaded and trained using different algorithms of clustering and classifications and finally all the models for different clusters are saved in the local storage with the clustering model.
* Created a dashboard to analyze the performance and tracking the files on daily basis.
* Used CI/CD pipelining to deploy the application.  
  **Tools Used: Python3, MongoDB, Azure, Flask, Docker, Dash, Github Actons.**

EDUCATION

**Masters of Computer Application (MCA) 8.37 GPA**Future Institute of Engineering and Management, Kolkata

**Bachelor of Science (B.Sc.) 50.1%**Maulana Azad College, Kolkata

**Higher Secondary Education (10+2) 66.7%**National High School for Boys

**Secondary Education 65.2%**A.K. Ghosh Memorial High School

CERTIFICATION

2020 **Machine Learning Scientist with Python**DataCamp

2019 **Machine Learning using Python (Industrial Training Certificate)**  
Ardent Computech Pvt. Ltd.

2018 **Microsoft Technology Associate: Software Development Fundamentals (MTA)**   
Microsoft