

AASHISH NAIR

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WORK EXPERIENCE

Data Scientist Jr. August 2021 - Current

Optimal Solutions Group, LLC | College Park, MD

- Prepared analytic reports for clients that evaluated business performance and made recommendations for future improvement
- Created dashboards with Power BI and Tableau to track programs and provide insight for subsequent business decisions
- Built ETL pipelines to automate the procurement and reporting of financial statements with Python

Data Science Intern November 2020 – May 2021

DailyBot | Washington, DC

- Utilized TensorFlow framework and NLP libraries to build a chatbot that performs commands based on given user input
- Compiled use cases for reducing time for repetitive activities using a chatbot microservice
- Worked with the programming team to design the determine how to embed the chatbot into the company infrastructure

Data Visualization Intern May 2020 – August 2020

BroadStreet | Washington, DC

- Led a visualization team of up to 8 people that visualized Covid-19 data from the Midwest
- Utilized Tableau to create dashboards and capture Covid-19 spread for different demographics
- Independently collected and cleaned data on COVID-19 cases and deaths in Iowa and Kansas from public websites daily using Python

TECHNICAL SKILLS

- **Languages:** Python, R, SQL
- **Cloud Computing Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP)
- **Big Data/Databases:** MySQL, PostgreSQL, Apache Spark, Amazon Redshift
- **Libraries/Frameworks:** Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Spacy, NLTK, Pytorch
- **Data Visualization Tools:** Tableau, Power BI
- **Other:** ETL, A/B testing, Time series analysis

EDUCATION

Master of Science, Data Science May 2021

George Washington University | Washington DC

Bachelor of Science, Industrial Engineering May 2019

Pennsylvania State University | University Park

PROJECTS

Detected Faulty Water Pumps in Tanzania | [Github Link](#) June 2023

Built an XGBoost model that predicts the functionality of water pumps in Tanzania and deployed with Heroku

Analyzing Flight in U.S, Airports | [Github Link](#) April 2023

Built a data pipeline with data provided by the Bureau of Transportation Statistics and extracted insights using AWS and Power BI

Spotify Track Popularity Predicting Web App | [Github Link](#) January 2023

Trained a random forest model to predict the popularity of Spotify tracks and deployed it in a Streamlit app

CERTIFICATIONS

AWS Certified Cloud Practitioner December 2022

- Offered by Amazon, which proves proficiency in cloud principles and AWS technologies