Ola Olagunju

Data Analyst who focuses on delivering factual and timely results

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EXPERIENCE

Lionbridge Technologies, MA – *Data Analyst*

Sep 2018 – PRESENT

Collaborating with the AI team to improve the Google/YouTube search engines by delivering thorough mobile data quality analysis. Also conducting evaluations on thousands of websites per week and reporting user metrics on each of them

DC Water, Washington DC – Wastewater *Data Analyst*

Feb 2016 – Jul 2018

Led a team in daily operation and maintenance of a 320-gallon pilot bio-reactor while conducting weekly tests on the main facility reactors. Also implemented a technical station to record, process, statistically analyze, and visualize data from the pilot

PROJECTS

L.O.S.S in Wastewater – *R*

Developed a new system for quantifying the minimum concentration of wastewater at which sedimentation in treatment tanks cause poor water quality. Used Regression and Sigmoid mathematical models in R, saving thousands of man-hours per week in troubleshooting tank failures

O.U.R as a Control for Wastewater Treatment – *R, C++*

Built a system to continuously analyze microbial activity in wastewater via the Oxygen Uptake Rate (OUR). Used C++ and R algorithms to control the system and increase energy recovery in secondary wastewater treatment by 36%. Thus, potentially cutting energy costs per year by $5 million

Chinook– *SQL, Python*

Traversed a database for a Business to find out: top genres sold, sales performance by country, etc. Visualized data using python pandas and advocated to expand marketing efforts in India due to their population and one of the top average lifetime consumer purchases ($91.58)

NYC SAT Scores – *Python*

Performed an EDA of SAT Scores from 363 High schools in 32 Districts, including alternative high schools using pandas. Ascertained that Black and Hispanic students were 16% more likely to perform worse in SAT exams, due to a majority of their residences in low-income districts

SKILLS

Python, SQL, R, Tableau, C++, Data Collection, Data Management, Data Analysis, Statistical Analysis, Exploratory Data Analysis, Modeling, Data Mining, Data Visualization, pandas, Django, Selenium, Web Scraping, MySQL, SQLite, BioWin, Civil 3D, GIS, HTML, Machine Learning, Object-Oriented Programming, Excel Spreadsheets, Drafting, Report Writing, Research, Project Management, Public Speaking

EDUCATION

Master of Environmental Engineering (M. Eng.)

2018 – Howard University, DC

ACCOMPLISHMENTS

Engineer in Training (EIT) license – NCEES

Workshop Speaker – Water Environment Federation Technical Exhibition and Conference (WEFTEC)

Best Student in Senior Design and Cum Laude Honors –

Howard University

Developed a 2D action game using Python and Pygame –

Howard University

LANGUAGES

- English
- Yoruba