Abigail Tata

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DATA ANALYTICS AND ADDITIONAL SKILLS

- C++ Programming
- R Programming
- Python (NumPy, Pandas, Scikit-learn)
- HTML
- Advanced Excel
- Tableau
- SQL

- Power BI
- Agile Methodology
- Jira Software
- SAP Business Objects
- Statistical Modeling
- Pivot tables
- Regression Analysis

EDUCATION

American University   Washington, DC
M.S in Data Science concentration in Business Analytics   Jul 2023 – Aug 2024

American University   Washington, DC
B.S in Data Science, Magna Cum Laude   Graduation: May 2022
3.86 GPA: Deans list all semesters.

CERTIFICATIONS AND CLEARENCES

- Public Trust Clearance (2022- present)
- Certification in Google Business Intelligence (2023)
- IBM Data Science Methodology Certificate (2023)
- IBM Tools for Data Science Certificate (2023)

PROFESSIONAL EXPERIENCE

Guzman & Griffin Technologies, Inc.   Washington, DC
Data Analyst   Sep 2022 – Dec 2023

- Conduct comprehensive analysis of extensive and complex data, and generate data models and visualizations to identify patterns, trends, and valuable insights.
- Works on multiple projects pertaining to aviation safety, which involved data analysis relating to turbulence, surface landings, safety alerts, and oceanic operator communications.
- Utilizes Tableau and Excel to create and sustain dashboards, spreadsheets and reports which are then communicated monthly to FAA leadership.

Rigil Corporation   Washington, DC
Project Analyst Intern   Mar 2022 – May 2022

- Developed an automated database for tracking bugs and tasks, which was utilized to generate reports for product management and senior executives to assess the productivity of software developers.
- Collaborated with a project manager to oversee software development projects by directing tasks and monitoring the software developer process, and mitigating any issues and risks that may arise.

RELEVANT COURSEWORK

Data Science
- Collected, analyzed, and interpreted data using web scraping data manipulation and statistical modeling in R/Tidy verse.

Data Mining
- Used machine learning approaches such as decision tees, artificial neural networks, deep learning, and naïve Bayes classifiers.

Data Structures Using C++
- Manipulated and implemented data structures such as arrays, lists, stacks, sets, and files.

PUBLICATIONS
- Violence against Women, Its Causes and Consequences on U.S. Sub-National Governments

Violence against Women, Its Causes and Consequences on U.S. Sub-National Governments UN Special Rapporteur · Dec 12, 2020

https://www.ohchr.org/Documents/Issues/Women/SR/RapeReport/Others/160-usa.pdf

- Children's Right to Privacy, Independence, and Autonomy

Report to the UN Special Rapporteur on the Right to Privacy · Sep 28, 2020

https://www.ohchr.org/Documents/Issues/Privacy/SR_Privacy/privacy-child/Other-Stakeholders/6JCrock-American-University.pdf