JEAN-EMMANUEL KOUADIO

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Portfolio: https://jeanemmanuelk.github.io/website/

SUMMARY

As a Google Data Analytics Professional Certificate recipient with a strong foundation in data cleaning, manipulation, visualization, interpretation, and communication, I am excited to pursue an internship/entry-level position as a data scientist. Proficient in SQL, Excel, Tableau, and R, and currently pursuing an M.S. in Data Analytics & Information Systems with a focus on big data analytics, mathematical modeling, database management, statistical analysis, machine learning, data mining, and data visualization. Completed a B.S. in Computer Engineering with relevant coursework in operating systems, electrical engineering, networking, computer organization, software engineering, and circuit design. Passionate about using data to drive business decisions and solving complex problems. Ready to contribute my skills and knowledge to a dynamic team and gain hands-on experience in the field of data science.

SKILLS

Programming languages: Python, R, SQL | **Data analysis tools**: Pandas, NumPy, Matplotlib, Seaborn | **Machine Learning**: Scikit-learn
Data visualization: Tableau, Excel | **Data cleaning and preparation**: Data wrangling, Pivot tables, Excel | **Languages**: English, French
Soft skills: Communication, teamwork, problem-solving, critical thinking, time management

EDUCATION

Google Data Analytics Professional Certificate, ONLINE   Feb 2023
A 6 months rigorous training in data cleaning, manipulation, visualization, interpretation, and communication.
(Tools: SQL, Excel, Tableau, R)

M.S. in Data Analytics & Information Systems, SHEPHERD UNIVERSITY, SHEPHERDSTOWN, WV   May 2024
● *Courses: Big Data Analytics, Mathematical Modeling, Database Management, Statistical Analysis, Machine Learning, Data Mining, data visualization*
B.S. In Computer Engineering, SHEPHERD UNIVERSITY, SHEPHERDSTOWN, WV   Dec 2021
● *Courses: Operating Systems, Electrical Engineering, Networking, Computer Organization, Software Engineering, Circuit Design*

RELEVANT PROJECTS

● **E-Commerce Customer Churn prediction** | Python, scikit-learn
The project involved data wrangling, exploratory data analysis (EDA), and the construction of three different models: logistic regression, decision tree, and random forest. After comparing the performance of the models, I determined that the logistic regression model performed the best, achieving an accuracy score of 79.67%. https://www.kaggle.com/code/jeanemmanuelkouadio/e-commerce-customer-churn-prediction

● **Healthcare Employee EDA and Attrition Prediction Model** | Python, scikit-learn
Conducted data wrangling and exploratory data analysis (EDA) on healthcare employee data to identify key factors affecting attrition rates. Built a logistic regression model using scikit-learn to predict employee attrition based on various factors. Tested the model using cross-validation techniques, achieving a high accuracy rate of 88.78%. https://www.kaggle.com/code/jeanemmanuelkouadio/employee-attrition-prediction-model/notebook

● **Data Visualization dashboards** | Tableau
Created interactive data visualization dashboards using Tableau, showcasing proficiency in data exploration, analysis, and presentation. These visualizations cover various topics such as sales, marketing, and Covid-19 cases analytics, demonstrating skills in extracting insights and communicating them through effective data storytelling. https://public.tableau.com/app/profile/jean.emmanuel.kouadio

WORK EXPERIENCE

Sept 2022 – Present, Shepherdstown, WV
Flex manager, SHEPHERD UNIVERSITY WELLNESS CENTER

Manage a team of 3 employees including two lifeguards and one weight fitness. Responsible for daily operations of all facility areas including financial, risk management, equipment responsibilities, and the supervision of other student staff. I provide customer service to 1300+ community members and 1500+ students. Monthly sales have increased revenue by 10% over the previous year.

Jan 2018 – may 2022, Shepherdstown, WV
Resident Assistant, SHEPHERD UNIVERSITY RESIDENCE LIFE

Establish community, serve on call to ensure the safety and well-being of all residents within the residence hall, work on a team, conflict resolution, attend team meetings, execute events for residential students. Use several online systems and websites to submit reports, create event flyers, communicate with residents and team members, learn and receive new information, and work remotely during COVID-19.

Jan 2019 – Jul 2021, Shepherdstown, WV
Research Assistant, WV-INBRE BIO/CS/MATH/ENGR.

Conducted cancer research under the supervision of Dr. Qing Wang. Completed tasks such as mathematic analysis related to tumor growth subject to cancer therapy. Presented results at conferences, such as the West Virginia Academy of Science Conference.