Jean-Emmanuel Kouadio

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PROFESSIONAL SUMMARY

Highly Motivated Data Scientist skilled in Python, SQL, Excel, Tableau, and R with a passion for using data to drive business decisions and solve complex problems. Seeking an internship/entry-level data science position to contribute skills and gain hands-on experience. Completed B.S. in Computer Engineering with relevant coursework and pursuing M.S. in Data Analytics & Information Systems.

EDUCATION

Coursera   March 2023
Google Data Analytics Professional Certificate   *Online*

Shepherd University   January 2022 - December 2024
Master of Science in Data Analytics and Information Systems   *Shepherdstown, WV*

Shepherd University   August 2017 - December 2021
Bachelor of Science in Computer Engineering   *Shepherdstown, WV*

RELEVANT PROJECTS

E-Commerce Customer Churn Prediction Model   link
- Conducted data wrangling and exploratory data analysis (EDA) on customer churn data.
- Constructed three models: logistic regression, decision tree, and random forest.
- Compared model performances and determined logistic regression model achieved the best accuracy score of 79.67%

Healthcare Employee Attrition Prediction Model   link
- 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%

Data Visualization Dashboards   link
- Built interactive Tableau dashboards to display business metrics.
- Created sales, marketing, and Covid-19 visualizations using Tableau.
- Communicated insights through data storytelling to both technical and non-technical audiences.

WORK EXPERIENCE

Shepherd University Wellness Center   September 2022 - Present
Flex Manager   *Shepherdstown, WV*
- Manages a team of 3 employees and oversees daily facility operations.
- Provides customer service to over 2800 members.
- Increased monthly sales, resulting in 10% revenue growth from the previous year.

West Virginia INBRE   January 2019 - July 2021
Research Assistant   *Shepherdstown, WV*
- Conducted cancer research under Dr. Qing Wang's supervision.
- Analyzed tumor growth mathematically with respect to cancer therapy.
- Presented findings at scientific conferences.

SKILLS

Languages: Python, R, SQL | **Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn | **Data visualization:** Tableau, Excel | **Data cleaning and preparation:** Data wrangling, Pivot tables, Excel | **Spoken Languages: English, French** | **Soft skills:** Communication, Teamwork, Problem-solving, Critical Thinking, Time Management.