

JEAN-EMMANUEL KOUADIO

Shepherdstown, WV · (681)-283-0298

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Portfolio: <https://jeanemmanuelk.github.io/kjeAnalyst.github.io/>

Organized and motivated Data Analytics student seeking an internship or entry-level opportunities to expand skills while facilitating company growth. Outgoing and friendly with a solid drive to succeed.

SKILLS

- Relational Databases, BigQuery, Google Sheets, CSS, VS code, SQL, MySQL, SAS
- Exploratory Data Analysis (EDA), Microsoft Excel, Word Processing Software
- Python, Pivot tables, Statistics, Bilingual (English & French), computer hardware
- Tableau, Pivot tables, Data wrangling, Data mining

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.

EDUCATION

MAY 2024

M.S. IN DATA ANALYTICS & INFORMATION SYSTEMS, SHEPHERD UNIVERSITY

• **Courses:** Big data analytics, Mathematical modeling, Database Management, Statistical Analysis, Machine learning in data mining.

MAY 2024

MASTER OF BUSINESS ADMINISTRATION, SHEPHERD UNIVERSITY

• **Courses:** Management, Leadership and Ethics, Marketing, Business Analytics, Database Management.

DEC 2021

B.S. IN COMPUTER ENGINEERING, SHEPHERD UNIVERSITY

• **Courses:** Operating Systems, Electrical Engineering, Networking, Computer Organization, Software Engineering, Circuit design

PROJECTS

• **Bodybuilding.com supplements Exploratory data analysis (EDA) using python:**

<https://www.kaggle.com/code/jeanemmanuelkouadio/bodybuilding-com-supplements-eda>

In this project we are doing an EDA in order to find out the effect of the product (supplement) flavor on overall product rating and find useful insights. We found that the number of different flavors does affect the overall product rating. Also, the product pricing has a positive impact on the product rating.

• **Spotify music Exploratory Data Analysis (EDA) in Python:**

<https://www.kaggle.com/code/jeanemmanuelkouadio/spotify-music-data-analysis-project/notebook>

In this project we are exploring the music data from Spotify in order to run some data analysis and find useful insights answering a few questions like the most popular artists, the longest songs, the most popular genre. We found out that the loudness of the music has a positive impact on the energy of the music.

• **Adidas sales insights:**

<https://public.tableau.com/app/profile/jean.emmanuel.kouadio/viz/addidasproject/Dashboard1>

Collected adidas sales data from Kaggle and cleaned the data using Excel. Then used Tableau to import the data and get some visualizations of the sales data.

• **Recycle bin Monitoring System:** <https://github.com/jeanemmanuelk/Smart-bin-proj>

Built a sensor-based monitoring system for recycling bins and trash bins used to determine and monitor the state of a bin (empty or full). Built a website to allow the user to get real-time data about the state of their bin. Utilized an HC-SR04 sonar sensor and a Load Cell Sensor with an HX711 control module attached to an ESP 32, all programmed using the Arduino IDE. The System worked perfectly.