

Jean-Emmanuel Kouadio

Data Analyst

Shepherdstown
WV 25443

681.283.0298
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Skills

Relational Databases, BigQuery, Google Sheets, Microsoft Excel, Word Processing Software, CSS, VS code, SQL, MySQL, Microsoft Excel, Python, Pivot tables, Statistics, Bilingual, computer hardware

Experience

Shepherd University Wellness Center / Flex Manager

Sept 2022 - PRESENT, Shepherdstown, WV

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.

Shepherd University Residence Life / Resident Assistant (RA)

Jan 2018 - May 2022, Shepherdstown, WV

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.

WV-INBRE Bio/CS/Math/Engr. / Research Assistant

Jan 2019 - July 2021, Shepherdstown, WV

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

Shepherd University / Data Analytics & Information Systems

Jan 2022 - PRESENT, Shepherdstown, WV

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

Shepherd University / Master of Business Administration

Jan 2022 - PRESENT, Shepherdstown, WV

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

Shepherd University / B.S. in Computer Engineering

Jan 2017 - Dec 2021, Shepherdstown, WV

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

Projects

Recycle Bin Monitoring System

Github: <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 can be installed in any bin and can be improved by adding a tracking feature through a GPS module