

Banele Ndlovu

(206)-499-8356 | banelendlovu732@gmail.com | banelendlovu.netlify.app | linkedin.com/in/banele-ndlovu/

EDUCATION

William & Mary, Raymond A. Mason School of Business

Master of Science, Business Analytics (MSBA)

Williamsburg, VA

Expected Graduation: May 2024

Relevant Coursework: Data Structures & Algorithms | Machine Learning | Database Management Systems | Optimization | Stochastic Modeling | Data Visualization | Big Data | Heuristic Algorithms

Waldorf University

Major: Bachelor of Arts in Business Administration & Management

Forest City, Iowa

Graduated: April 2023

TECHNICAL SKILLS

Programming Languages: Python, SQL, R, HTML & CSS

Software: Git, Tableau, Excel, PowerBI, Azure Data Studio, Figma, Android, Querybuilder, Interana, Alteryx

Core Skills: Agile Methodologies, Data Wrangling, Data Mining, Forecasting, Reporting, Data Cleaning, Design Thinking

EXPERIENCE

William & Mary, Graduate Research Assistant

Williamsburg, VA, August 2023 - Present

- Researching and implementing cloud services, establishing efficient SQL and Python connections, enhancing workflow by 25%
- Providing technical support for cloud integration on remote desktops and optimizing the collaborative research process in Big Data

Microsoft Inc, Product Manager Intern

Bellevue, WA, May 2022 - August 2022

12-week internship with Teams organization focused on building a personalization feature in Channels

- Collaborated with 5+ key stakeholders to identify user pain-points, led a brainstorm, and prioritized feature capabilities
- Coordinated 12 customer sessions with UXR to gain feedback on users' interactions with product and identified feature gaps
- Built an Interana dashboard that effectively summarizes essential metrics and KPIs for evaluating the Channel's feature performance

Uber Technologies Inc, Strategic Finance Intern

San Francisco, CA, May 2021 - August 2021

12-week internship with Product Delivery team directed on building an interactive financial model for quality visualization of metrics

- Executed ETL processes by extracting financial data using SQL to visualize the financial status of 8+ global stakeholders
- Developed and shipped a high-level Profit & Loss model which analyzed, tracked and improved key metrics for 5+ strategic brands
- Prepared reports and documentation on dashboard functionality, reducing time spent on data extraction and analysis by 90%

Waldorf University Academic Advising Center, Teaching Assistant

Forest City, IA, August 2020 - April 2023

Year long TA role concentrated on providing academic assistance and guidance to 15 Statistics and Math students

- Consulted with students, professors and tutoring lead and designed a learning plan to meet each student's needs
- Boosted the average Math grade of the cohort by 18% and received positive feedback from their professors

LEADERSHIP

Warriors Women's Soccer, Student Manager

Forest City, IA, January 2021 - April 2023

- Conferred with coaches on game plans to train players that require additional assistance in field tactics for better understanding
- Schemed team bonding sessions to uplift 20+ teammates and resolve conflicts to encourage harmony on and off the field

Waldorf University Students' Senate, Student Leader

Forest City, IA, October 2019 - April 2023

- Identified student needs within student body and liaise with 15 member team to address issues and revamp the campus experience
- Developed an update to the school's alcohol policy, decreasing the alcohol related student disputes by 80%

PROJECTS

House Price Prediction, Data Scientist

[Overview](#) | [Source Code](#)

- Deployed Machine Learning models such as Linear Regression and Random Forest in Python to predict house prices in California
- Conducted thorough data exploration and feature engineering to improve model interpretability and predictive performance
- Extracted actionable insights and improved model accuracy from 67% to 81% using rigorous evaluation methods

Social Media Analysis, Business Intelligence Analyst

[Overview](#) | [Dashboard](#)

- Created an interactive dashboard highlighting social media insights for a marketing agency to increase user engagement
- Utilized R for efficient data cleaning, ensuring consistency and integrity across variables, expediting the process by 20%
- Identified trends for strategic marketing decisions, driving a 10% improvement in campaign targeting accuracy

FIFA 21 Player Statistics, Data Analyst

[Overview](#) | [Source Code](#)

- Cleaned dataset housed in a CSV file thoroughly using Python on Jupyter to enhance its quality and coherence for further analysis
- Resolved inconsistencies in data types, units of measure and created new columns ensuring a standardized representation

QueMeals, Lead Designer

[Overview](#) | [Prototype](#)

- Designed a mobile app prototype to assist universities with providing and delivering nutritious quarantine meals on campus
- Product helps simplify wastage of food through orders, saving universities money and encourages social distancing by delivering

Interests: Art, Soccer, Listening to Nigerian music, Traveling, Reading, Hiking, Voluntary work in education