JEAN MARIE NISINGIZWE NGABONZIZA

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SUMMARY

Data analyst who turns raw, inconsistent data into information organizations can trust and act on. From building ETL pipelines for a nonprofit to cleaning forest inventory research data and managing a client-facing capstone, I focus on turning disparate data into clear insight for decision-makers. Seeking an entry-level Data Analyst or Business Analyst role.

EDUCATION

Bachelor of Science in Computer Science and Engineering Aug 2022 – May 2026
Bucknell University, Lewisburg, PA | GPA: 3.65

TECHNICAL SKILLS

Languages: Python, SQL, R, Elixir, HTML, CSS
Data & Databases: MySQL, Extract Transform Load(ETL) Pipeline
Analytics & BI: Tableau, R Shiny, Statistical Analysis, Data Visualization, Dashboard Development
Web & Tools: Phoenix/LiveView, REST APIs, Git

WORK EXPERIENCE

Data Analyst Intern Aug 2026 – Present
Changing The Present (NGO)

- Built and maintained ETL pipelines to clean, validate, and load multi-table datasets (education, charitable, international) into a production database.
- Engineered data-integrity safeguards, including uniqueness constraints and parsing fixes, to catch and prevent corrupt or duplicate records before they reached the database.
- Designed reusable insert and loading scripts that streamlined onboarding of new data sources, reducing manual data-entry work.

Product Manager (Scrum) — Virtual Art Gallery Capstone Project Nov 2025 – May 2026
Bucknell University

- Acted as primary liaison between the client and a 6-person development team across 15 biweekly sprints, translating business requirements into technical specifications.
- Partnered with the client on iterative improvements to the gallery's layout and user experience, balancing client vision with usability and technical feasibility.
- Documented project progress and key decisions each sprint to maintain team alignment and a clear record for stakeholders.

Undergraduate Forestry Data Science Researcher Jun 2025 – Jul 2025
UFDS, Bucknell University

- Cleaned and analyzed Forest Inventory Analysis (FIA) research datasets using R, resolving data quality issues to improve accuracy and usability.
- Evaluated Large Language Models for land-cover classification from satellite imagery, achieving 45% classification accuracy.
- Built an interactive R Shiny dashboard to visualize dataset trends and model performance for the research team.

LEADERSHIP & CIVIC ENGAGEMENT

Undergraduate Executive Intern 2025 – 2026
Office of Equity & Inclusive Excellence (EIE), Bucknell University

- Organized Bucknell's International Festival, Equity Symposium, and MLK Week, coordinating logistics for 500+ attendees.
- Co-created the "Together on Purpose" retreat with the Career Center and Religious and Spiritual Life; launched an initiative connecting student organizations across the EIE umbrella.

Residential Advisor 2023 – 2026
Bucknell University

- Planned and delivered 10+ community-building programs for 80 residents.
- Connected residents with campus resources and mediated roommate conflicts using active listening and conflict-resolution strategies.

PROJECTS

Personal Portfolio

- Designed and deployed a portfolio website on Vercel showcasing data analytics projects and technical background.

Habit Flow — Full-Stack Web Application (Phoenix/LiveView)

- Built a full-stack habit-tracking application with Google OAuth authentication and an AI-powered summary feature using the Groq API.