

Roselin Anesu Nhira

[Portfolio](#) | rnhira.f24@warren-wilson.edu | uswapapp.org | [LinkedIn](#) | Swannanoa, NC | 828 655 6494

EDUCATION

Warren Wilson College

Swannanoa, NC

Bachelor of Science in Data Science and Business

Expected May 2028

- **Peer Tutor:** Instruct 10+ students per semester in Statistics and Calculus
- **Relevant Coursework:** Intro to Data Science, Machine Learning, Statistical Modeling, Python, Bayesian Stats, Discrete Math, Database Systems, Data Science of Networks

SKILLS

- **Languages:** Python, R, SQL, Java (Basic)
- **Developer Tools & Libraries:** Pandas, NumPy, scikit-learn, tidyverse, Jupyter, Excel, ggplot2
- **Data Science:** Machine Learning, Statistical Analysis, Data Visualization

RELEVANT EXPERIENCE

IT Data Analyst & Systems Technician

Aug 2024 – Present

Warren Wilson College ITS Crew

Swannanoa, NC

- **Cleaned and triaged 1,000+ abandoned tickets** from a **3-year backlog** in ServiceDesk Plus using R (tidyverse), closing out old requests and organizing raw data.
- **Built a team workload dashboard and automatic alert system** in ServiceDesk Plus to track open tickets and flag delayed responses, supporting **1,000+ campus users**.
- **Exported ticket logs into RStudio** to analyze team response times and spot recurring hardware and network failure patterns.

Admissions Tour Guide & Data Assistant

May 2026 – Aug 2026

Warren Wilson College Admissions Office

Swannanoa, NC

- Processed high-volume data entry for **300+** applicant transcripts, updating student records and auditing academic files for accuracy.
- **Built geographic data dashboards** to map applicant origins, helping the admissions team visualize recruitment trends across regions.
- **Managed tour scheduling software**, troubleshooting system issues and setting up workflows to capture prospective student information while leading campus tours.

Founder & Technical Product Lead

Jan 2025 – Present

uSWAP

Swannanoa, NC

- Built and launched a student skills and resource exchange platform (uswapapp.org), onboarding **38 verified student users (5% of Warren Wilson College campus)** within the first week of launch.
- **Restricted access** exclusively to Warren Wilson students by building an automated @warren-wilson.edu email verification system to keep the initial campus network safe.
- **Grew early user interest** by creating a 24-person waitlist and launching the platform with 16 student-offered skills (such as tutoring, design and tech support).

PROJECTS

Student Academic Performance Predictor | R, Machine Learning, Statistical Modeling

Dec 2025

- Modeled 1,000+ student records using R to evaluate the impact of lifestyle and sleep habits on academic performance.
- Achieved 83.8% attendance classification accuracy with Logistic Regression and 77.5% with KNN, while Multiple Linear Regression explained 72% of GPA variance ($R^2 = 0.72$).

Athletics Performance Analysis | R, Excel, Data Visualization

Feb 2025

- Analyzed basketball/volleyball performance data in R and Excel to generate visual summaries and metrics for coaching staff.

LEADERSHIP EXPERIENCE

Senior Resident Assistant

Aug 2025 – Present

Residence Life, Warren Wilson College

Swannanoa, NC

- **Built custom Excel scheduling models** to manage 24/7 duty rotations and balance shift workloads, eliminating coverage gaps for **200+ residents**.
- **Lead operations across 6 residence halls**, overseeing crisis response, emergency protocols, and staff accountability for 7 Resident Assistants.

Student Trustee

May 2025 – May 2026

Board of Trustees, Warren Wilson College

Swannanoa, NC

- **Represented 600+ undergraduate students** to executive leadership and board members, presenting quarterly reports on campus climate, policy concerns, and student needs.