

Roselin (Anesu) Nhira

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

EDUCATION

Warren Wilson College — Swannanoa, NC

Bachelor of Science in Data Science and Business | Expected Graduation: May 2028

- **Peer Tutor:** 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

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

TECHNICAL EXPERIENCE

uSwap — Founder & Technical Product Lead

Swannanoa, NC | Jan 2025 – Present

- Built and deployed student resource exchange platform (uswapapp.org), including user workflows, accounts, and swap features.
- Used AI assisted development tools to build features, test functionality and resolve backend bugs.

Warren Wilson College ITS Crew — IT Data Analyst & Systems Technician

Swannanoa, NC | Aug 2024 – Present

- Cleaned and analyzed 1,000+ IT tickets in R/tidyverse to evaluate resolution times and peak load hours.
- Built dashboards and visualizations in R using data from ServiceDesk Plus to identify hardware and network failure patterns.

TECHNICAL PROJECTS

Student Academic Performance Predictor

Machine Learning Project

- Trained Multiple Linear Regression, Logistic Regression and KNN models on 1,000+ student records using R.
- Achieved 83.8% attendance classification accuracy with Logistic Regression and 77.5% with KNN, while Multiple Linear Regression explained 72% of GPA variance ($R^2 = 0.72$).

uSwap User Engagement Analytics

Data Analytics Project

- Analyzed uSwap user signups, activity and feature interactions to identify patterns in user engagement and onboarding.

Athletics Performance Analysis

R, Excel | Data Analysis Project

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

LEADERSHIP EXPERIENCE & ACTIVITIES

Board of Trustees, Warren Wilson College — Student Trustee

Swannanoa, NC | May 2025 – May 2026

- Represent the student body to the Board of Trustees, presenting key updates and feedback directly to executive leadership.

Residence Life, Warren Wilson College — Senior Resident Assistant

Swannanoa, NC | Aug 2025 – Present

- Lead scheduling and operations for 7 RAs across 6 residence halls, overseeing crisis response and staff accountability.

HONORS & AWARDS

- **Endeavor Labs Colleges Grant:** \$11,000 seed funding, uSwap (2025)
- **Hatch Innovation Hub:** \$5,000 Innovation Prize, uSwap (2026)
- **ACA Entrepreneurship Competition:** 3rd Place, \$1,500 (2026)
- **Sullivan Foundation:** Judges' Award, \$1,500 Award & Fellowship (2026–Present)