MICHAEL KWABENA GYIMADU

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EDUCATION

Wingate University — **Expected May 2027**
*Bachelor of Science in Mathematics, Economics Minor — **GPA: 4.0*** — *Wingate, NC*
Relevant Coursework: *Linear Algebra, Business Statistics, Calculus, Economic Impact Analysis, Financial Markets*

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Python, JavaScript, HTML/CSS, SQL
Frameworks & Libraries: Numpy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, React, NextJS, Keras
Developer Tools: Git, GitHub, Excel VBA, Tableau, Flask, PostgreSQL
Certifications: Machine Learning Specialization (DeepLearning.ai), SQL for Data Science

PROJECTS

Supervised ML Model for Classification | *Python, Scikit-learn, Pandas*
- Developed a logistic regression model to assess credit risk, achieving 87% accuracy in predicting defaults.
- Modeled risk-adjusted interest rates based on borrower characteristics, improving risk assessment for lenders.

Inter-Library Loan Summary Dashboard | *Tableau, Data analysis*
- Designed and built **an interactive Tableau dashboard** for 15 library staff to monitor trends in book borrowing/lending, and optimize loan management processes
- **Visualized 300+** book requests by department, volume by month, and lender performance over a 5-year period.

EXPERIENCE

WU Investment Club — **Apr. 2024 - Present**
Student Analyst — *Wingate, NC*
- Co-manage Wingate University's **$200,000** entrusted portfolio as part of the investment/ portfolio analysis team.
- Collaborate with team members to conduct quarterly research on **equities, fixed-income, and bonds** to identify high-potential investment opportunities.
- Present research findings and portfolio adjustments to faculty advisors and club stakeholders.

Ethel K. Smith Library — **Nov. 2023 - Present**
Library & Tech Services Assistant — *Wingate, NC*
- Assist **2500+** students/faculty with inter-library book loaning requests, library database access, and technical support, cutting wait times by **50%**.
- Assist with book cataloging, and accurate data entry into the library's database, contributing to improved resource tracking and data integrity.
- Troubleshoot technical issues, resolving over **90%** of computer-related problems for students and faculty.

LEADERSHIP & CAMPUS INVOLVEMENT

WU Student Government — **Sep. 2023 - May 2024**
First-Year Committee Member — *Wingate, NC*
- Developed and presented 3 proposals on housing and meal plans, for **1500+** first year students, which increased student retention by over **60%**

Aspire Institute — **Jan. 2024 - Apr. 2024**
Fellow — *Wingate, NC*
- Completed leadership development with a global cohort, guided by Harvard Business School educators, strengthening communication and collaboration skills through masterclasses on networking and personal growth.