

EDUCATION

EMORY UNIVERSITY, GOIZUETA BUSINESS SCHOOL

Atlanta, GA

Master of Science in Business Analytics, STEM credentialed program

May 2026

- Admissions Ambassador, MSBA Student Leadership Board

DREXEL UNIVERSITY

Philadelphia, PA

Bachelor of Science in Computer Engineering, Minor in Business Administration

June 2022

- GPA: 3.74/4.0, *magna cum laude*

TECHNICAL CAPABILITIES

- Languages: Python, R, C++, SQL, C#, MATLAB
- Tools: Tableau, Hadoop, Excel, AWS, Power Automate, Power Apps, Power BI, Git, Flutter

EXPERIENCE

NOVANTA INC

Bedford, MA

Software Engineer

2024 to 2025

- Migrated legacy C# TCP client-server application to Python, expanding product portfolio and improving system flexibility for diverse customer requirements
- Led software documentation modernization initiative, analyzing support ticket patterns to implement improvements that reduced customer support issues by 10%
- Conducted customer needs analysis through surveys and stakeholder interviews, presenting top 3 feature requests to executive leadership for product roadmap prioritization

Applications Engineer

2022 to 2024

- Reduced process runtime of passport drilling application by 40% through automation of Python program
- Crafted MATLAB and Python scripts to optimize the arrangement of fiducial marker positions, resulting in a 30% improvement in execution time.
- Increased personnel productivity by 10% by streamlining the quality department's weekly Returned Materials process using SQL, Python and Power Automate

ESTEE LAUDER COMPANIES

Bristol, PA

Industrial Engineer Co-op

2020 to 2021

- Boosted efficiency by 20% through optimization of direct labor utilization and creation of production labor standards
- Drove a \$250K annual revenue increase for the plant by generating operational reports in Tableau and Power BI and pinpointing the plant's areas of inefficiency
- Undertook time studies to achieve a 15% downtime reduction in machine performance measured against on time delivery schedules

MTN COMMUNICATIONS LIMITED

Lagos, Nigeria

Information Technology Intern

Spring 2020

- Enhanced customer engagement by 20% with data-driven, customized offers for the MTN Valentine's Day Promotion
- Raised MTN Tidal Subscription promotion subscribers by 30% through effective use of arbitration skills and analysis
- Drove a 15% increase in application performance by maintaining and executing a comprehensive product roadmap

SPARROWATCH LIMITED

Dublin, Ireland

Engineering Assistant Intern

Fall 2019

- Minimized disruptions by 10% by identifying and resolving system failures with Computer Science knowledge
- Grew smart camera's market value by 15% by implementing remote triggering methods with Passive Infrared Sensors and Long-Range Shotgun Microphones
- Decreased identification errors by 4.5% through optimizing smart camera software with Python, C, Linux, and machine learning

ADDITIONAL INFORMATION

- Work Authorization: STEM credential offers up to three years of US Work Authorization eligibility
- Languages: English (Fluent), Yoruba (Conversational), Spanish (Beginner)
- Volunteer Work: No Refund Project Volunteer, The Solu Okoye Foundation Volunteer