EMMANUEL MULAMBA

Emmanuel.Muyaya@utexas.edu • LinkedIn.com/in/emmanuel-muyaya
• Houston, TX 77025 • (502) 215-9226

EDUCATION

The University of Texas at Austin Bachelor of Science, Petroleum Engineering Dec 2024
Minor: French Studies
Certificate: Computational Science and Engineering

Houston Community College Associate of Science General May 2020

EXPERIENCE

Alcon Houston Manufacturing – *Molding Inspector;* Houston, TX January 2025 – Present
• Identify production defects and initiate stoppages on production of product and create an effective solution to reinstate production to Alcon's standards
• Effortlessly open and close orders and effectively collect production data using CNSPPS. Process and disseminate DHR documentation
• Perform work duty on over-mold stations and organize, maintain work areas, perform visual inspection of equipment (Pinch & Silicon Plates)
• Communicate effectively and efficiently with support staff (Process, Maintenance & Engineering Personnel) to prevent or solve component failures, maintenance, and repairs.

HEB – *Overnight Grocery Stocker;* Austin, TX June 2023 – December 2024
• Ensured all products get stocked out properly to all grocery aisles
• Ensured all products are nice, tidy, clean, and ready to go for customers
• Ensured federal, state, and company regulations for product food safety and sanitation are met

Icumedical – *Production Operator*; Austin, Tx March 2022 – November 2022
• Inspected components, materials, documents, and final products as part of the production process or offline
• Performed and documented lot changes, line clearances, production processes and cleaning operations
• Evaluated process, product and equipment performance based on prescribed procedures

Accenture Flex – *Content Review/Child Safety*; Austin, TX May 2021 – August 2021
• Ensured and secured the client's platform against fraudulent activities by making it a safe place to transact online
• Provided quality risk review service while focusing on resolving cases efficiently and utilizing time productivity
• Identified, recommended and implemented process improvements and assisted users with risk process workflows

Trigo Group – *Quality Control Inspector*; Austin, TX February 2021 – April 2021
• Inspected products and materials for defects or read and understand blueprints and specifications
• Accepted or rejected finished items or those in process and remove/segregate all products that fail to meet specifications
• Discussed inspections results, compile and report inspections data, and maintain records of inspections

US Farathane – *Machine Operator*; Austin, TX   December 2020 – January 2021
- Set up machines to start a production cycle
- Controlled and adjusted machine settings
- Inspected parts with precision and measuring tools

Shape Community Center – Program Coordinator; Houston, TX   February 2020 – March 2020
- Facilitated the After-School Enrichment Program by mentoring and tutoring programs to k-12 youth
- Provided assistance to elders participating in the Elders institute of Wisdom

Kroger – *Deli Clerk*; Houston, TX   August 2017 – November 2019
- Provided responsive, exceptional service to deli counter customers
- Coordinated the preparation and packaging of Kroger deli products
- Received orders from customers and ensured that their orders were attended to

ACADEMIC COURSES
- Reservoir Engineering 1, 2 & 3: Primary Recovery, Secondary Recovery, and EOR or Reservoir Simulation
- Drilling and Completion
- Transport Phenomena
- Formation Evaluation
- High Performance Computational Engineering
- Properties of Petroleum Fluids
- Sedimentary Rock

LEADERSHIP EXPERIENCE AND ACTIVITIES
Society of Petroleum Engineers (SPE) Organization – *Member*   Fall 2020 – 2024

National Society of Black Engineers (NSBE) Organization – *Member*   Fall 2020 – 2024

HONORS
- Texas Advance Commitment   Fall 2020 – 2023

- SME Education Foundation   Fall 2018 – Spring 2020

ADDITIONAL INFORMATION
Personnel Skills:
- Effective writing and communication skills
- Ability to influence and motivate in non-supervisory capacity
- Ability to support daily operations at every level
- Ability to resolve personnel, supply & resource contractions
- Detailed oriented

Computer Skills: Python, Julia, MS Excel, Word, PowerPoint, Canva, PVTsim, ComboCurve, Enverus, Reservoir modeling software (UT CMG)

Languages: Fluent in French

Interests: Data Analytics, Machine Learning, Poetry, Sustainability,

Work Eligibility: _US Citizen
                _Eligible to work in the U.S. with no restrictions