

Yohans Getaneh

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EDUCATION

Texas Tech University, Lubbock, Texas

Graduation: August 2019

Bachelor of Science in Chemistry

Minors: Chemical Engineering & Mathematics

GPA: 3.2

RELATED COURSEWORK

Calculus || Chemical Process || Differential Equations || Economic Analysis || Engineering Statistics || Fluid Mechanics || Heat Transfer || Thermodynamics I - III || Chemical Reaction || Mass -Transfer Operations || Materials Science

TECHNICAL/NON-TECHNICAL SKILLS

Bilingual || HYSYS || MATLAB || Microsoft Office || Windows || SAP || data analysis for UV Spectroscopy, Raman Spectrometer, IR Spectrometers, Fourier Transform Infrared Spectrometer (FTIR), ¹H-NMR Spectrum, ¹³C-NMR Spectrum, X-ray diffraction, and Mass Spectrometer (LC-MS/MS, HPLC)

PROFESSIONAL EXPERIENCE

Cheezer Trading PLC, Debre Birhan, Ethiopia

January 2020 – July 2020

Process Control Engineer

- Identified and developed new controls to improve safety, operations and profitability
- Maintained, modified, redesigned existing systems
- Continuously improved process performance until optimal levels were achieved
- Troubleshoot and corrected system design flaws and malfunctions
- Oversight of processes and worked to maintain optimization of the production line

Inogen, Richardson, Texas

May 2018 – August 2018

Operations Associate

- Worked with operations engineers to improve productivity for the G3 compressor department
- Coordinated a time study & methods project in the G3 compressor department that resulted in improved productivity by 50 %
- Designed and proposed a new assembly line using Six Sigma methodology

Optical Cable Corporation, Plano, Texas

Quality Analyst

May 2015 – August 2015

- Monitored production operations to ensure production standards were met
- Made recommendations for improvements based on failure rate analysis
- Worked with the management team to devise better production methods to reduce product error rates

Samsung Repair Services Inc., Plano, Texas

May 2014 – August 2014

Technician

- Conducted diagnostics repair, refurbish, upgrade and/or dispose of all cellular mobile telecommunications handsets.
- Prepared cost estimations for repairs and delivered feedback to the receptionist
- Followed Quality and Environmental guidelines to carry out all repair procedures and perform maintenance throughout the repair cycle ensuring quality delivery

PROJECTS

Undergraduate Research in Dr. Mechref's lab, Texas Tech University

August 2018 - December 2018

Researcher

- Regularly interacted with experienced researchers to use bioanalytical techniques to integrate complex data in biological system interactions, validate the Human Protein Project, and become skilled in team interactions and communications.
- Presented weekly findings and reporting sessions with Principal Investigator(s)
- Highly proficient in determining glycoproteins for different cancer cell lines via mass spectroscopy

ORGANIZATIONS MEMBERSHIPS

- Habesha Student Association (HSA) First Generation College Student (FGCS)
- American Institute of Chemical Engineers (AIChE) National Society of Black Engineers (NSBE)