**Donald Fina**

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**Objective:** Dedicated, purpose-driven, and result-oriented engineering student seeking an entry-level full-time process, manufacturing, field engineering, chemist, or supply chain position to take on projects and apply my technical & analytical skills in creating a clean, safe, and improved lifestyle in our environment.

# Education

**Prairie View A&M University (PVAMU) – Prairie View, Cumulative GPA: 4.00 / 4.00**

M.S. Chemical Engineering Graduation Date: December 2020

**Faculty of Sciences of the University of Yaoundé 1 (UY1) – Yaoundé, CMRN Cumulative GPA: 3.2/4.00**

B.S. in Applied Chemistry Graduation Date: December 2011

### Experience

**BASF** **January 2022- Present**

**Process Engineering Co*-op Palmyra, Marion County, Missouri***

* Collaborating with an interdisciplinary team of technical services, production, and engineering to accomplish project goals.
* Perform basic chemical engineering calculations that support process design, equipment configuration and process condition establishment decisions
* Evaluate process equipment for potential environmental and safety impacts
* Perform hazard analyses of manufacturing operations
* Independently and as part of a technical team and experience working in a collaborative lab environment
* Causes Analysis of DCS failure to prevent the occurrence of downtime process and formulated new measures to improve engineering process which led to a reduction in variable cost and improvement in product quality.
* Came up with an innovative solution of bypassing the process controller to fuel the tank and enhance production
* Contributed to projects to improve sustainability, perform a risk analysis, and oversee inventory documentation throughout the specialty chemistry site.
* Monitored equipment and processes to evaluate efficiency and quality
* Assisted in the research and development of new equipment design
* Analyzed the assembly line layout, leading to new implementations for greater process efficiency
* Interpretation of FHS to optimize the Deltav program and improve operator action
* Performing some PSV/PRV calculation and SAP training

**Training & Technical Skills**

Supervising undergrad students, DOE, experiments, BLS, CPR, MATLAB, Minitab, Aspen-explorer, SPC, MOC, PIPE-FLO, Chemcad, and chemical plant equipment Design & conduct basic root causes of defects, providing Risk, Reliability, and Maintenance lab support by States regulations, implementing corrective and preventive in lab process operations, mathematical, calculations per engineering specifications, Collects, maintains, organizes, compiles, and manipulates technical data, conduct tests, and record data to assist with engineering analysis, Project Work, Advancing process related projects, Troubleshoot process problems, Inspecting chemical processing equipment, Microsoft office & suites. TWIC card.

**Certifications/Achievements**

AICHE Safety in Chemical Process Industries, Chemical Reactivity Hazards, Process Safety Design, Inherent Safety Design, April 2020

AICHE Lab Safety, May 2020, Udemy Lean six sigma green belt, January 2020, Udemy Quality Management Engineering – in Progress.

Tamus Research Award, University of Prairie View 2019, ExxonMobil Scholarship (Fall graduate Research Fellowship) August 2020

**Volunteer Experience / Community Service**

Houston Food Bank, helped supply food for better lives, June 2019 Houston, TX