Aggie L. Chemist

2986 Sycamore Street

Houston, TX 77008

555-555-5555

ALChemist@tamu.edu

March 7, 20xx

BASF Corporation

1112 Industrial Boulevard

Caldwell, TX 77836

Dear Hiring Manager:

Please accept this application for the open **Research Chemist** position that you have open at your Caldwell location. One of your team members, Reveille T. Whoop, referred me to this position based upon my strong research skills in heterogenous catalysis and tireless focus on embedding feedback systems within my own analytic protocols. As an emerging PhD-level chemist with a dissertation defense of April 7, 20xx, I could quickly embed myself into your team and immediately begin adding value.

You are seeking someone who can design experiments, review and analyze testing data, and present technical reports to internal and external customers. Throughout my laboratory experience, I have served my primary investigator (PI) and generated my own research to focus on actionable impact. For example, I have conceptualized and developed three experiments focused on reactor testing. Despite starting with insufficient data, I was able to develop a novel sampling methodology that provided the foundation to design a robust model that has implications to new reactive streams and irradiation processes. I was able to quickly sample the data and generate insights in a small timeframe (> 2 weeks) for each experiment. The technical reports I delivered to my PI became the basis for supporting our research endeavors, which have garnered interest in the manufacturing community.

As my resume demonstrates, under a recent grant, I have worked with heterogenous catalysis and have developed an innovative method of creating feedback loops within the reaction system that allows data collection at multiple phases of the process. This can add value to R&D since it can help identify problems before they arise in the system, which fosters the development of solutions earlier in the conceptualization stage.

I would love to speak further about this role and how I can contribute. If you wish to talk further, I can be reached at 555-555-5555 or [ALChemist@tamu.edu](mailto:ALChemist@tamu.edu). I look forward to speaking with you.

Sincerely,

Aggie L. Chemist

Aggie L. Chemist