

# JAMYRAH MINAS

Development Chemist

[jamyrah.minas@gmail.com](mailto:jamyrah.minas@gmail.com)

(325) 294-8452

123 Oak Street, Charleston, SC 29401



## PROFILE

Detail-oriented Development Chemist with 1 year of experience in conducting research, formulating and optimizing chemical compounds for various applications. Proficient in analytical techniques, laboratory safety protocols, and project management. Demonstrates strong problem-solving abilities and a commitment to innovation. Seeking opportunities to apply expertise and contribute to the success of a dynamic chemical research organization.

## LINKS

[linkedin.com/in/jamyrahminas](https://www.linkedin.com/in/jamyrahminas)

## SKILLS

Chromatography

Spectroscopy

Polymerization

Electrochemistry

Nanotechnology

Crystallography

Biocatalysis

## LANGUAGES

English

Spanish

## HOBBIES

## EMPLOYMENT HISTORY

### ● Development Chemist at Milliken & Company, SC

May 2023 - Present

- Developed a new polymer synthesis process that increased production efficiency by 20% and reduced waste generation by 15%, resulting in annual cost savings of \$500,000 for Milliken & Company.
- Successfully led a cross-functional team to design and implement a new chemical formulation for a textile product line, resulting in a 25% increase in product performance, 10% reduction in manufacturing costs, and generating \$2 million in additional annual revenue.
- Identified and resolved a critical issue in the production process, leading to a 30% reduction in product defects and a 15% improvement in overall product quality, translating to a \$1 million increase in customer satisfaction and repeat business.
- Filed three patents for innovative chemical solutions that addressed specific client needs, enhancing Milliken & Company's intellectual property portfolio, and contributing to a 12% increase in new client acquisition.

### ● Associate Development Chemist at BASF, SC

Jul 2022 - Mar 2023

- Successfully developed and optimized a new chemical formulation for a high-performance polymer, resulting in a 15% increase in production efficiency and contributing to \$3 million in annual cost savings for BASF.
- Led a cross-functional team of 10 scientists and engineers in the scale-up and commercialization of a novel catalyst technology, which led to a 20% reduction in raw material usage and generated over \$5 million in additional revenue within the first year of launch.
- Implemented new analytical techniques and quality control measures in the laboratory, improving data accuracy by 25% and reducing product development cycle times by 30%, ultimately leading to faster time-to-market for new products.

## EDUCATION

### Master of Science in Chemistry at University of South Carolina, Columbia, SC

Sep 2017 - May 2022

Relevant Coursework: Advanced Organic and Inorganic Chemistry, Analytical Chemistry, Physical Chemistry, Biochemistry, Spectroscopy, Polymer Chemistry, Quantum Mechanics, Chemical Kinetics, Thermodynamics, and Computational Chemistry.

## CERTIFICATES