

Mikyle Mohammed

Environmental and
Sustainability
Professional

Contact

Address

San Fernando,
Trinidad and Tobago

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Education

2023-01

Master of Science: Environmental Science and Policy

Johns Hopkins University

2019-09 - 2022-07

Bachelor of Science: Environmental Science and Sustainable Technology

*University of The West Indies, St
Augustine - Trinidad and Tobago*

- Dean's List: 2019-2022
- GPA: 3.8

Skills

Energy modeling

Environmental and Sustainability professional, exhibiting knowledge of sustainable and renewable energy with a passion for addressing low carbon challenges facing society. Identifies energy efficiency opportunities and introduces prescriptive and custom incentive measures aligned with customer segment. Performs in-person presentations and builds relationships fostering contract execution. Well-organized, efficiency-driven and focused on providing comprehensive services. Skilled in working under pressure and adapting to new situations and challenges to best enhance the organizational brand.

Work History

2022-10 -
Present

Sustainable Energy Associate

Farmchem, Trinidad and Tobago

- Conducted research, gathered information from multiple sources and presented results.
- Managed development, design and construction of sustainable energy projects.
- Reviewed project submittals for compliance with energy modeling requirements and practices pursued.
- Conducted thorough market evaluations and analyzed energy usage patterns to determine potential savings.
- Collected and organized data, built financial and economic models and developed data visualizations to perform quantitative analyses.
- Developed and reviewed energy model documentation and gathered supporting information.

2022-05 -
2023-05

Academic Editor Intern

CESaRE, Trinidad and Tobago

- Determined readiness of written pieces, made changes and approved final versions for publication.
- Supported publication by helping develop layouts and collaborating with production teams.
- Prepared, rewrote and edited pieces to improve readability and impact.

Energy conservation strategies

Energy efficiency evaluation

Environmental inspections

Data reporting

Planning and Coordination

Written and oral communication

Research

Software

Microsoft Office Suite

Certifications

2022-09

One Click LCA EPD Bootcamp

2021-04

LEED Green Associate (Green Business Certification Inc.)

2021-01

Certified Associate in Project Management (Project Management Institute)

2022-06 -

2022-08

- Reviewed articles for grammar, spelling, punctuation, syntax, accuracy and compliance with quality standards.
- Collaborated with writers and graphic designers to develop content schedules and plan workflows.

Environmental Intern

Nutrien, Trinidad and Tobago

- Prepared summaries and charts by testing and gathering samples and summarizing findings.
- Worked with site to maintain compliance with applicable environment regulations.
- Performed emergency response activities, tank cleaning and equipment decontamination.
- Worked with site to maintain compliance with applicable environment regulations.
- Assisted with data management for regulatory and operational reporting.
- Supported plant wide environmental audits
- Spearheaded the Planning of a tree planting initiative to offset carbon emissions

2021-09 -

2021-11

Marine and Community Conservation Extern

National Geographic Society and The Nature Conservancy, Paragon One -, Trinidad and Tobago

- Applied various primary and secondary research methods.
- Interviewed conservationists, community members, and experts in the marine sciences field.
- Conducted a landscape/gap analysis to identify gaps and propose solutions.

2020-07 -

2020-10

Energy Aide

Ministry of Energy and Energy Industries, Trinidad and Tobago

- Reviewed Environmental Impact Assessments.
- Assisted in the development of a Bio-remediation plan.
- Identified and recommended energy savings strategies to achieve more energy-efficient operation.

- Provided clerical support, addressing routine and special requirements.
- Assisted with projects by applying strong analytical skills and studies.
- Researched and reviewed information in support of daily objectives.

2019-07 -
2019-08

HSSE Intern

*Power Generation Company of Trinidad and Tobago,
Trinidad and Tobago*

- Updated Material Safety Data Sheets (MSDS) for approximately 300 different substances.
- Conducted plant wide walk downs to identify HSSE related concerns and address them.
- Conducted a feasibility study for reuse of Air Conditioner condensate across the plant.
- Developed recommendations to reduce hazards by improving gear, behaviors and procedures.

References

- Gregory Farmer- Business Development Manager (FarmChem)- g.farmer@farmchemtt.com
- Patrick Costello- CCUS Lead (FarmChem)- p.costello@farmchemtt.com
- Anthony Edu- Green Hydrogen Lead (FarmChem)- a.edu@farmchemtt.com