ADZUIRA MUSULE PALACIOS

Data Analyst & Chemical Engineer



Certified junior data analyst and chemical engineer with over 3 years of experience in data analysis, quality assurance, and operational efficiency improvement. Proven track record in streamlining workflows, resolving defects, and enhancing process prediction accuracy. Seeking to leverage analytical and engineering skills to support strategic decisions and drive process optimization.

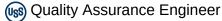
WORK EXPERIENCE



🔖 Environmental Analyst

Eurofins Scientific

- Streamlined workflow by analyzing lab data and recommending efficiency improvements to meet deadlines and goals.
- Enhanced process prediction accuracy through regression modeling in partnership with QA.
- Executed ion and gas chromatography analysis, including preparation and reporting.
- · Managed laboratory instrument maintenance and troubleshooting.



United States Steel

- · Managed steel coil release for delivery and coordinated rework of production defects.
- Partnered with global stakeholders to effectively resolve ongoing operational challenges.
- Conducted hands-on quality assurance through laboratory testing.
- Identified and addressed root causes of production defects using process data

Research and Development Intern

American Beef S.A. de C.V.

- Supported R&D initiatives through new product development and existing product variation testing.
- Engineered and tested innovative manufacturing processes within the pilot plant
- Developed statistical reports for executive and stakeholder decision-making.

Logistics Project Engineer

Grupo Bogard

- Developed budget reports and managed expense planning across multiple projects.
- Streamlined budgeting by designing and implementing internal financial databases, resolving prior budgeting errors.
- Wrote documentation on engineering projects across the country.

LANGUAGES

English Proficient

Spanish

Native



German Intermediate







CERTIFICATIONS

Google Data Analytics Professional Certificate

Certificate issued 4/8/2025

SKILLS

Data analytics

Data cleaning

Data visualization R Progamming

Data-driven decision making SQL

Spreadsheets Chemical and Industrial Engineer

EDUCATION

M.A.S. Industrial Technology and Operations

GPA 4.0 / 4.0

Illinois Institute of Technology

m 08/2020 - 05/2023

· Specialization in Manufacturing Technology and Industrial Sustainability

Bachelor's Degree Chemical Engineering

GPA 93 / 100

Universidad Veracruzana

m 08/2014 - 01/2019

Technical Degree Computer Programming

CBTIS No. 79

108/2011 - 07/2014

ADDITIONAL **PUBLICATIONS**

Cyclistic: A Case Study

Google Data Analytics Capstone Project

Adzuira Musule Palacios

musule.com/cyclistic.pdf

Data analytics case study

Solid State Chemistry Research

University of Texas at Dallas

Khan et al. (2018)

108/2018

https://pubs.acs.org/doi/10.1021/acs.cgd.8b00868

Collaborated on a project on the synthesis and characterization of alloys using rare-earth elements.