



ZAKARIA MESSIKH

Chemical and Refining Engineer

ACADEMIC PATH

Master's degree in Chemical Engineering

Mining University of Saint-Petersbourg – Saint-Petersbourg
Demonstration of in-depth expertise in oil, gas, and carbon-based materials processing methods.

2022
2024

Completion of advanced practical work in university laboratories.
Active participation in international conferences, including *Africa Seeks Solutions*, held from December 10 to 16, 2023.

Preparatory Year in Russian Language

State University of Industrial Technologies and Design – Saint-Petersbourg

2021
2022

Master's degree in Refining Engineering

Houari Boumediene University of Science and Technology – Algiers

2019
2021

Proficiency in key modules and advanced simulation software in refining engineering, internships at major oil companies, gaining essential industry experience and technical expertise.

Bachelor's Degree in Process Engineering

Houari Boumediene University of Science and Technology – Algiers

2016
2019

Intensive program in Process Engineering completed at USTHB, with mastery of key modules and practical experience gained through internships at major pharmaceutical and oil companies.

PROFESSIONAL EXPERIENCE

Physico-chemical Analyste

GENERICLAB – ALGIERS Active

Practical Internship – Refining

SONATRACH – Hassi maseoud 06/2021–07/ 2021

- Design and simulation of a new hydrogen storage line using HYSYS software.
- In-depth knowledge of distillation, cracking, reforming, and hydroprocessing operations. Impact assessment.
- Assessment of impacts on production and safety.

Practical Internship – Refining

SONATRACH – Alger 05/2021–08/ 2021

- Study of naphtha processing in the MS BLOCK unit.
- Analysis and optimization of refining parameters.

Practical Internship – Pharmaceutical Industry

GROUP SAIDAL – Alger 02/2019–03/ 2019

Monitoring of the manufacturing process of the drug Rhumaphed.
Performed quality control during production.

Contact

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Nevsky prospekt Saint-Petersburg

PROFIL

Holder of a double Master's degree in Chemical Engineering obtained in Russia and in Process Engineering, specializing in Refining Engineering in Algeria, I possess a strong scientific and technical background, reinforced by several practical internships in the industrial sector.
Currently working as a Quality Control Analyst in a pharmaceutical company, I demonstrate rigor, motivation, and a high capacity for adaptability—qualities that I apply to drive industrial performance and innovation.

SKILLS

- Simulation software: HYSYS, Aspen Plus, and Chemcad
- Fundamentals of Chemical Engineering
- Project management software
- Microsoft Word, Excel, PowerPoint

LANGUES

Français	B2
Anglais	Intermediate
Arabe	Native
Russe	Intermediate