



## Contact

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Nevsky prospekt Saint-Petersburg, Russia

## 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

# ZAKARIA MESSIKH

## Chemical and Refining Engineer

### ACADEMIC PATH

#### Master's degree in Chemical Engineering focused treatment of natural energies and carbonic materials

2022

Mining University of Saint-Pétersbourg – Saint-Pétersbourg

2024

Demonstration of in-depth expertise in oil, gas, and carbon-based materials processing methods.

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

2021

State University of Industrial Technologies and Design – Saint-Pétersbourg

2022

#### Master's degree in Refining Engineering

2019

Houari Boumediene University of Science and Technology – Algiers

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

2016

Houari Boumediene University of Science and Technology – Algiers

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 Analyst

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.