




# Sattar Mammadzada

Data Analyst/Chemical Engineer

## Contact

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 (+994) 77-308-09-66

## Computer Skills

SQL

Python

Microsoft Power BI

Excel

IBM Cognos Analytics

IBM SPSS

## Languages

English 

Russian 

Turkish 

## Work Experience

### Service Engineer

03.2022-present

#### Tetra Az LLC

Conducting training on the use of chemical analysis equipment, consulting on analysis methodology, installing equipment, and troubleshooting problems that occur during use.

### Engineer

2021-2022

#### ANAS Institute of Radiation Problems

Carrying out trips to research sites and sampling with appropriate procedures, analyzing these samples in the laboratory, and performing statistical analyses of the results.

### Laboratory Assistant

2017-2021

#### ANAS Institute of Radiation Problems

Carrying out metal analysis using atomic absorption spectrometer, radioactivity determination using gamma spectrometer, organochlorine pesticide quantification analysis using gas chromatograph. Interpretation of analysis results and ensuring their use in research.

### Intern

07.2014-09.2014

#### Ankara Central Wastewater Treatment Plant

Study of wastewater treatment stages, formalization of mass and energy equations of the process and relevant calculations. Study and implementation of laboratory analyses related to quality indicators in wastewater and clean water.

## Education

### Ankara University

2010-2015

Chemical Engineering – Bachelors' degree

### Baku Engineering University

2022-2024

Chemical Engineering – Masters' degree

## Hobbies

Chess

Research

Technology

Football

## Certificates and Courses

IBM Data Analytics – Professional Certificate (in progress)

Learn to code for data analysis – The Open University

IELTS Academic – 7.5 (overall)

## Scientific Papers

S.Sh. Mammadzada, F.Y. Humbatov, I.I. Mustafayev. Assessment of metal pollution in water and surface sediments of Goranchay river, Chemical Problems, 2021, 19(2): 84–93

S.Sh.Mammadzada, F.Y.Humbatov, M.A.Samadov, N.A.Ibadov, M.M.Ahmadov. Multivariate–statistical assessment of heavy metals and pesticides in soils from former pesticide storage, Transactions of Azerbaijan National Academy of Sciences Physics and Astronomy, 2021, 2: 126

M.M.Ahmadov, F.Y.Humbatov, S.Sh.Mammadzada, V.S.Balayev, N.A.Ibadov, Q.I.Ibrahimov. Assessment of heavy metal pollution in coastal sediments of the western Caspian Sea, Environmental Monitoring and Assessment, 2020, 192(8)