Contact

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rahmani-melanee- (LinkedIn)
github.com/Melanee-Melanee
(Personal)
rezvanchem.com (Company)

Top Skills

Data Science
Python (Programming Language)
Pharmaceutical Chemistry

Languages

English (Professional Working)
Persian (Native or Bilingual)
Swedish (Elementary)

Certifications

Programming with Python
Git and GitHub Crash Course
Master Python With NumPy For Data
Science & Machine Learning
Data Science Ethics
Machine Learning by Stanford
University

Publications

Computer science articles
A New Method for Synthesis
of Nanozeolite Sodalite and its
Application in Drug Delivery
Application of synthetic nanozeolite
sodalite in drug delivery S Rahmani,
SN Azizi, N Asemi
Optimization of Drug loading in
Modified Nano-zeolites using
response surface Methodology by
Box–Behnken Design
Synthesis of New Wood
Polyurethane Compound with the
Highest Free Rise Density without
Filler

Shaghayegh Rahmani (Melanee)

Data scientist in pharmaceutical, medical industries |
Cheminformatician
Tehran

Summary

I am Melanee, a highly motivated person in interdisciplinary fields
between computer and natural science areas.

I am skilled in data science tools like python programming language
and its critical packages e.g Pandas, Numpy and also an expert in
machine learning (ML) algorithms and structured query language
(SQL) .

Although my academic degree has nothing to do with computer
science but I have enough knowledge in operating systems (OS),
computer networks, hardware, data structures and computer
architecture due to my hardworking self-studies.

My personality is so meticulous, conscientious, serious in my job and
friendly with my colleagues. My "MBTI" personality test is "ESTJ", my
"EQ" is 87%, my "NEO PIR" test is "Normal" and my "DISC" test is
"C".

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Experience

Rezvanchem
3 years 1 month

Senior Chemist
April 2019 - Present (3 years 1 month)

Data Scientist
January 2021 - Present (1 year 4 months)
Tehran, Iran

- Machine learning modeling on pharmaceutical, medical and chemical data

- Cheminformatics

Iran Food and Drug Administration (IFDA)
Medical Devices Technical Supervisor
December 2018 - Present (3 years 5 months)
Tehran, Iran

QC on amalgam and dental composites

Technical supervision on medical devices

Tehran University of Medical Sciences
Scientific Researcher
January 2019 - January 2020 (1 year 1 month)
Tehran, Iran

Statistical and practical experiments on pharmaceuticals

Arian Polyurethane
1 year 3 months

Laboratory expert
December 2015 - February 2017 (1 year 3 months)
Eyvanaki Industrial City

Research and investigate on polyol formulation in polyurethane foams (Rigid &
Flexible)

Lecturer in Chemistry
December 2015 - February 2017 (1 year 3 months)

Water Research Institute
Chemist
July 2012 - September 2012 (3 months)
Tehran, Iran

Chemical Analyze of Water

Kanoon Farhangi Amoozesh Ghalamchi
Chemistry editor
September 2009 - September 2011 (2 years 1 month)

Chemistry books and exams editor

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Education

Kharazmi University
Bachelor's degree, Applied Chemistry · (2009 - 2013)

University of Mazandaran

Master's degree, Analytical Chemistry · (2013 - 2015)

Tehran Institute of Technology

Programming with Python · (June 2021 - September 2021)

Imam Ali Prominent High School

High School Diploma, Natural Sciences · (September 2005 - September 2029)