







# Shaghayegh Rahmani(Melanee)

Data Scientist | Kaggle Expert

## ABOUT ME

I am Melanee, a highly motivated person in interdisciplinary fields in the computer science. I have an IELTS degree with total score 6.

## CONTACT

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## TOP SKILLS

- Data science
- Python
- Machine learning

## LANGUAGES

- English (Full professional proficiency)
- German (Elementary proficiency)

## EDUCATION

Computer Programming  
*Tehran Institute of Technology | 2021-2021*  
- Programming with Python

MS, Analytical Chemistry  
*University of Mazandaran | 2013-2015*  
- Optimization of drug loading in modified nano-zeolites using statistica software

BS, Applied Chemistry  
*Kharazmi University | 2009-2013*  
- Academic study on organic, inorganic, analytical and physical chemistry

## WORK SUMMARY

Medical Data Scientist  
*Rezvanchem Co. | 2021-present*  
- Machine learning modeling on pharmaceutical, medical and chemical data  
- Cheminformatics

Senior Chemist  
*Rezvanchem Co. | 2019-present*  
- Chemist  
- Medical devices technical supervisor

Medical Devices Technical Supervisor  
*Iran Food and Drug Administration (IFDA) | 2018-2019*  
- QC on amalgam and dental composites  
- Technical supervision on medical devices

Scientific Researcher  
*Tehran University of Medical Sciences | 2017-2019*  
- Statistical and practical experiments on pharmaceuticals

Laboratory Expert  
*Arian Polyurethane Co. | 2015-2017*  
- Research and investigate on polyol formulation in polyurethane foams

Chemist  
*Water Research Institute | 2012-2012*  
- Chemical Analyze of Water

## CERTIFICATIONS

Machine Learning by Andrew Ng  
*Stanford University | 2022*

Master Python With NumPy For Data Science & Machine Learning  
*Udemy | 2021*

Data Science Bootcamp with 5 Data Science Projects  
*Udemy | 2021*

The Git and GitHub Crash Course  
*Udemy | 2021*

## PUBLICATIONS

Optimization of Drug loading in Modified Nano-Zeolites Using Response Surface Methodology by Box-Behnken Design  
*Asian Journal of Pharmaceutical Research | Mar 13, 2020*

A New Method for Synthesis of Nanozeolite Sodalite and its Application in Drug Delivery

*3rd International Congress On Nano Science & Nano Technology (ICNT), Hacettepe University, Istanbul, Turkey | Jul 2015*

Computer Science Articles  
*Medium | 2021- present*