

# Manya Sacha

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## Work Experience

### DSV - Global Transport and Logistics

Warsaw, Mazowieckie, Poland • 08/2022 - Present

#### Junior IT specialist, Application and Integration and Master Data

### PERPAX TRAVEL

Turkey • 11/2019 - 05/2020

#### Data Analyst

- As a Data Scientist at Perpax, I harnessed data analytics and machine learning to transform travel experiences and business outcomes. I designed predictive models to identify emerging travel trends, developed tailored recommendation systems to enhance itinerary planning, and optimized pricing models to boost revenue. By mining customer behavior data and market trends, I uncovered insights that refined marketing strategies and operational workflows. Collaborating with diverse teams, I spearheaded data-driven projects that elevated customer loyalty and propelled business success.
- Optimized pricing models to enhance operational efficiency, resulting in a significant boost in business growth through strategic decision-making.

### aradparvazaram.com

Alborz Province, Iran • 03/2017 - 08/2019

#### Data Scientist

- As a Data Scientist at Arad Parvaz, I leveraged advanced analytics and machine learning to optimize travel solutions and enhance customer experiences. I developed predictive models to forecast travel trends, personalized recommendation systems for tailored itineraries, and pricing optimization algorithms to maximize revenue. By analyzing large datasets from booking patterns and customer feedback, I provided actionable insights that improved operational efficiency and drove strategic decision-making. Collaborating with cross-functional teams, I implemented data-driven strategies that boosted customer satisfaction and business growth.

## Skills

- Artificial Neural Networks
- Business Analysis
- CI/CDI deployment
- Data Science
- Financial Analysis
- JavaScript
- Machine Learning
- Microsoft Biztalk
- Python (Programming Language)
- React.js
- ServiceNow

## Education

### Bachelor of Technology - BTech in Computer Science

University of Tehran  
01/2007 - 01/2011

### Master's degree in Computer Software Engineering

University of Tehran

- Designed tailored recommendation systems that improved user engagement by 46% within 5 months, utilizing data analytics to refine customer experiences.

## Bank Saderat Iran

08/2015 - 11/2016

### Junior Machine learning engineer

- Junior Machine Learning Engineer Intern , assisted in the development and deployment of machine learning models to solve real-world problems. Proficient in Python and frameworks like TensorFlow and PyTorch, I contribute to data preprocessing, model training, and performance evaluation. Played a key role in a fraud detection project, collecting and analyzing data to enhance model accuracy and support robust AI-driven solutions. Collaborating with senior engineers, I support innovative AI solutions while gaining hands-on experience in end-to-end ML pipelines.

### Certifications

## Natural Language Processing in Tensorflow .

04/2022 - Present

DeepLearning.AI

## Convolutional Neural Networks in Tensorflow .

01/2022 - Present

DeepLearning.AI

## Introduction to Tensorflow for Artificial intelligence Machine learning and Deep Learning .

10/2021 - Present

DeepLearning.AI

## Python for Data Science AI and Development .

08/2021 - Present

IBM

## Data Science Methodology .

07/2021 - Present

IBM

## IBM Certified Data Science .

06/2021 - Present

IBM

## Exploratory Data Analysis for Machine learning .

05/2021 - Present

IBM

### Volunteering & Leadership

## Animal foundation

Data scientist • Alborz

- Developed machine learning algorithms to identify areas with high populations of homeless animals, optimizing aid distribution.
- Analyzed geographic data to prioritize locations for food and resource allocation, increasing support efficiency by 70% for street animals.
- Collaborated with local animal foundation teams to implement data-driven strategies, enhancing animal welfare outreach.