

Zahra Mirzaei

Software engineer with Python knowledge that loves learning and experimenting with tech. My studies and passion are in data, Machine Learning, and AI because of their great potential.

PROJECTS/COURSES

full list: github.com/Nafisedev/Nafisedev/blob/main/learning.md

The Complete Python 3 Course: Beginner to Advanced - Udemy

Sep 2021 - Feb 2022

Worked on the more practical application of Python. For example, I created a python game where you battle against opponents, where the last one standing wins. There is also added complexity with abilities. I also made a blog using Django and learned more about using git and version control.

Python Bootcamp: Bringing ML models into production

Jun 2021 - Aug 2021

Using ML algorithms in a real-world problem was a great inspiration. We created a project about working on power supplier data using Azure ML services for future energy generation, storage, and consumption analysis.

The Data Science Workshop

Mar 2020 - Oct 2020

The workshop allowed me to apply my knowledge in real-world applications with current technologies. I used Google Colab to learn the application of machine learning algorithms with Python libraries.

EXPERIENCE

Freelance book layout designer

2014 - 2018

I designed more than ten multi language books. I worked with three different publishers and managed all the process from the scratch to the printable version of the books. I had good communication with editors and authors and had a proven and flexible workflow.

EDUCATION

Computer Engineering: AI, M.Sc. — Azad University of Tehran

2016 - 2020

Final project on shopping reviews to do sentiment analysis to understand perceived product quality. I used Python libraries and ran simulations on convolutional neural networks to analyze user reviews. I used advanced AI and data science courses like ML, deep learning algorithms, swarm intelligence, genetic algorithms, and linear algebra.

Software Engineering, B.Sc. — Azad University of Share Qods

2007 - 2012

Final project on fingerprint recognition using classification algorithms. Studied software engineering, hardware design, databases, compilers, DSA, and related technologies. Advanced mathematics, statistics, and algebra.

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SKILLS

Python

Django, Flask

Pytest, Pandas, Numpy,

Scikit-Learn, Matplotlib

unittest, mock

MS-SQL, MySQL

Azure, AWS

git, Docker

Excel

Team player

Problem solver

Creative

Good communicator

VOLUNTEERING

Organizer for

Google Developer Group Cloud Stockholm

meetup.com/GDG-Cloud-Stockholm

Organizer for

Karaj Linux User Group

karajlug.org

Editor for

GNU Linux Book

github.com/mostafa/gnulinux-book

LANGUAGES

English, Persian, Swedish

INTERESTS

Photography

Content Creation

Painting and design

Hiking