

# Mehran Alam Beigi

+98921-1383-381 · Mehraxxn@gmail.com  
Iran, Alborze Province, Haft Tir Crossroads



---

## BACK-END DEVELOPER INTERESTER

I, Mehran, started programming and software development almost 3 years ago by learning Python and followed various courses, including Udemy boot camp and the series of courses of the University of Michigan in Coursera. A good work position or internship can be my launching pad and the organization that attracts me, I just need to use them after all this training and today and now I think it's time :))) I experienced many stacks and In order to stabilize my professional path and specialize my skills, I need a good position so that I can enter a deeper specialization forever.

---

## STRENGTHS AND EXPERTISE

Problem Solving  
Creative  
Active  
python

Programming  
Algorithm  
Mathematics  
flask

Communication  
hardworker  
API  
fastAPI

---

## PROFESSIONAL PROGRAMMING PROJECTS

### Interpretation-blood-test-results

January 2024 - march 2024

**Done as a personal discipline to improve your skills in the field of AI tools and python**

An open source project automatically interprets blood test results using ChatGPT and presents the findings in MD format for better accessibility. It aims to strengthen Python skills, provide results-based health insights, and encourage community collaboration. The project focuses on maintaining high quality standards, ease of sharing results, and fostering a user-friendly experience for understanding medical data.

**Click and see:**

<https://github.com/Mehranalam/Interpretation-blood-test-results>

- I can make some sort of intelligent assistant for organizations

### LapCopy

jun 2024- jun 2024

**Done as a personal discipline to improve your skills in the field of python & Creative idea**

A Python program that can transfer text copied on a phone to a laptop can be used as a combination of web service, mobile and desktop applications. For this purpose, we use Flask for the backend to create a small server that can receive the copied texts and then display these texts on the laptop.

**Click and see:**

<https://github.com/Mehranalam/LapCopy>

### News application

January 2022 - February 2022

**Done as a personal discipline to improve your skills in the field of mobile apps**

Discover Reliable and Convenient News Access through a Dedicated Mobile App Stay up-to-date with the latest news happening around the world using our news app. Powered by the Volley library, it provides transparent and reliable news from CNN. The user-friendly interface offers customizable settings and personalized updates based on your interests, so you receive only the news that matters to you. Additionally, the app sends push notifications for breaking news stories, making it a convenient and trustworthy way to access news on your mobile device. Plus, you can save and like news articles for future reference.



<https://github.com/Mehranalam/NewsApp>

## HTTP-Communication

April 2022 - jun 2022

**Done as a personal discipline to improve your skills in the field of mobile apps**

A Java and Android library, built as a shell of cURL, provides its features and functions through classes and interfaces. This library saves developers' time and effort by allowing them to integrate cURL functionality into their projects easily. It is a reliable tool, which can be used on all platforms under JVM, and is valuable for anyone looking to streamline their Java or Android development process.



<https://github.com/Mehranalam/HTTP-Communication>

## Bardeal - Store application

jun 2022 - july 2022

**Done as a personal discipline to improve your skills in the field of mobile apps**

A store application on Android integrates Firebase services, including Firebase Auth, to manage user authentication and access control. The management panel allows the store manager to add and remove products and manage the application, ensuring an up-to-date inventory and optimal user interface. Firebase offers a powerful and flexible platform for building reliable and innovative Android applications.



<https://github.com/Mehranalam/Bardeal>

## Knight-tour-theory

jun 2023 - july 2023

**Done as a personal discipline to improve your skills in the field of algorithm and problem solving**

A knight's tour is a sequence of moves of a knight on a chessboard such that the knight visits every square exactly once. If the knight ends on a square that is one knight's move from the beginning square (so that it could tour the board again immediately, following the same path), the tour is closed (or re-entrant); otherwise, it is open



<https://github.com/Mehranalam/Knight-tour-theory>

## PyTex

Aug 2024 - sep 2024

**Done as a personal discipline to improve your skills in the field of math and RegeX**

Implementing a typesetting system for mathematical formulas using TeX algorithms and fonts inside Python without relying on an external TeX installation is a complex task



<https://github.com/Mehranalam/PyTex>

## PyDown

jun 2024 - july 2024

**Done as a personal discipline to improve your skills in the field of RegeX and python**

### Module

A simple project to convert .md files into a coherent .html file. a simple Markdown-to-HTML converter in Python without using the markdown library or other library just use regex. We'll manually parse the Markdown syntax and convert it to HTML. This approach will cover basic Markdown features such as headers, bold text, italic text, links, and lists.



<https://github.com/Mehranalam/PyDown>

## CABEA.ir

jun 2024 - july 2024

**Done as a personal discipline to improve your skills in the field of front-end**

From now on, the Medical Engineering Association of Azad University, Tehran branch, has an independent platform to communicate with students, as well as the convenience of dear students to regularly receive academic information.



<https://github.com/Mehranalam/cabea>

**Github Address: <https://github.com/mehranalam>**

## COURSES

### MRI Fundamentals

Korea Advanced Institute of Science and Technology (KAIST)

In this course learners will develop expertise in basic magnetic resonance imaging (MRI) physics and principles and gain knowledge of many different data acquisition strategies in MRI. In particular, learners will get to know what is magnetic resonance phenomenon, how magnetic



- Credit check: <https://coursera.org/share/10f28666108531b31d789ef7cac59d6a>

### Python Data Structures

University of Michigan

This course will introduce the core data structures of the Python programming language. We will move past the basics of procedural programming and explore how we can use the Python built-in data structures such as lists, dictionaries, and tuples to perform increasingly complex data analysis. This course will cover Chapters 6-10 of the textbook "Python for Everybody". This course covers Python 3.



- Credit check: <https://coursera.org/share/8a9591474b18ed935259eeb46c79a554>

---

## EDUCATION

### Engineering, Biomedical/Medical Engineering

Sep 2022 - Dec 2026

Islamic Azad University Central Tehran Branch - Bachelor's degree

- Presentation: Physiological presentation of the respiratory system in the form of a conference - review of the function and mechanism of the Resp System - You can see this at My LinkedIn Account.

### Mathematics

Jan 2019 - Jul 2022

Dr. Ali Shariati High School - Diploma in Mathematics Physics

Grade: 17.23

---

Mehran Alam Beigi - The best person you need for your organization

Linkedin Address: <https://www.linkedin.com/in/mehranalam/>