

Mehran Alam Beigi

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MEDICAL ENGINEERING STUDENT & CREATIVE DEVELOPER

Mehran Alam Beigi is a former web software and mobile application producer who is currently a medical engineering undergraduate student. His experience in the technology industry has given him a strong foundation in programming, problem solving, attention to detail and effective communication. He is eager to increase his soft skills by working in a creative and innovative team to somehow grow alongside a strong team both technically and in terms of innovation. He values adaptability and lifelong learning and believes that curiosity and an open mind will help he continue to grow professionally and have a meaningful impact on he future career. He always welcomes learning new things and is always learning and applying it to projects and common problems.

STRENGTHS AND EXPERTISE

Problem Solving
Creative
Active

Programming
Algorithm
Mathematics
Accounting principles

MRI Fundamentals,
Communication
hardworker
Analysis of financial events

PROFESSIONAL EXPERIENCE

Farsar Tejarat Eng Co ltd
Biomedical Intern

Jul 2023 - Oct 2023

- I did an internship at Farsar Trade for 3 months. In these 3 months, by receiving strong connections in the field of study and also getting to know people who are experts in their field of work, it made me step in the right direction apart from professional communication. And to understand exactly the intersection of programming skills with my field of study.
- During my time at Farsar Trade, I was able to work on various projects that allowed me to enhance my programming skills. I was given the opportunity to work with a team of experienced professionals who were always willing to share their knowledge with me. This allowed me to gain invaluable experience and learn about the latest trends and technologies in the industry.
- In addition to the technical skills, I was able to develop my communication and networking skills by attending various industry events and meeting with clients. This allowed me to gain a better understanding of the needs and requirements of clients and how to best fulfill them.
- Overall, my internship at Farsar Trade was a valuable experience that helped me grow both professionally and personally. It gave me the confidence and skills needed to succeed in my field of study and pursue my career goals.

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>

Algorithm

- Knight-tour-theory : <https://github.com/Mehranalam/Knight-tour-theory>
- A set of algorithms for the Java language: <https://github.com/Mehranalam/javaPractice>
- PyTex: <https://github.com/Mehranalam/PyTex>
- PyDown: <https://github.com/Mehranalam/PyDown>

Front-end skills

- blog [static content generator] : <https://github.com/Mehranalam/Blog>
- Simulation of bluBank service home page : <https://github.com/Mehranalam/blu-cloning>
- Simulation of zarinPal service home page : <https://github.com/Mehranalam/Zarinpal-cloning>
- Medical Engineering Association of Azad University, Tehra Central Branch : <https://github.com/Mehranalam/Medical-Engineering-Association>
- A collection of works by Albert Camus : <https://github.com/Mehranalam/Albert-Camus>

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>

Financial accounting services & Business financial accounting

Tehran Institute of Technology • [Studying in the course](#)

I chose this course to learn and better understand financial markets and current accounts. My interest in financial markets made me choose this field because accounting is an information system and I can provide this information to users in an orderly, accurate and creative manner by mastering accounting skills.



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/>