Mohammad Hassan
Mahmoudi

Amirkabir University,Tehran, Iran
(+98) 9120805672
momahmoudi.ir
kmh.mahmoudi@gmail.com
github.com/mahmoudi-1798
www.linkedin.com/in/mohammad-hassan-mahmoudi

Education

Bachelor Degree	**Amirkabir University of Technology (Tehran Polytechnic)**	**Sep 2022 – Present**
Bachelor of Science in Applied Mathematics		**GPA: 3.64/4.00 (17.28/20)**

Pre-University	**National Organization for Development of Exceptional Talents**	**Sep 2019 – May 2022**
Certificate and High School Diploma in Mathematicas and Physics		GPA: 3.90/4.00 (19.16/20)

Interests

Software Development
Network & Security
GNU/Linux
FOSS (Free and Open-Sourse Software)

Skills

Language	**Persian**	**Native**
	English	**Professional**
	German	**Elementary proficiency**

Technical Skills

	C/C++	Qt Framework	SDL2	GNU Debugger (GDB)
	GNU/Linux	
	Python	Flask	Web Scrapping	django
	Network+	
	Web-development	HTML	CSS	JavaScript	Figma

Selected Projects

Space Invaders
Jun 2023

- Final project of (Advanced programming) spring semester using SDL2 with use of Object-oriented programming
- Sprite sheets created in Gimp
- Tiled is an open-source app used for level design

Languages: C++(SDL2)
Softwares: Gimp, Tiled

University Management System
Feb 2023

- Final project of (Introduction to programming) fall semester
- System to manage students, professors and courses

Languages: C

Flasker
Jul 2023 – in Progess

- Using Flask and MySQL, I am building a blog website that offers dynamic content and a user-friendly experience.

Languages: python, SQL
Framework: Flask

Personal Website
Jul 2023 – in Progess

- I'm developing my personal website using HTML, CSS, and JavaScript to share my passions and accomplishments.

Languages: HTML, CSS, Javascript

IronKey
Jul 2023 – in Progess

- I'm participating in the development of a secure command-line password manager using Python.

Languages: python

Volunteering

Content Creator
Aug 2023 – in Progess

Duckboard

I volunteer at Duckboard as a content creator, with a focus on programming and the world of computers. I create engaging content to share insights, tips, and updates related to technology, aiming to make programming more fun and exciting for everyone.

Certificates

Introduction to Computer Science   Harvard CS50x (Nov 2021)   **Credential URL**

Responsive Web Design   FreeCodeCamp (Jan 2023)   **Credential URL**

CompTIA A+   Udemy(Dec 2022)   **Without organizational Certificate**

Educational Honors

Ranked 1927th   Earned 1927th place among about **200,000 participants** in Mathematicas and Physics, Iran, 2022
Semi-finalist   Accepted in the first stage of **Chemistry Olympiad**, Iran, 2020