

ALI BADI'EE GAVARTI

Curriculum vitae last updated on November 14, 2023

Isfahan, Iran. ◇ (+98)9103526901



RESEARCH INTERESTS

- Computer Graphics
- Deep Learning
- Artificial Intelligence
- Software Freedom

EDUCATION

Bachelor of Science in Computer Engineering 2020–2024
Shahrekord University, Chaharmahal and Bakhtiari Province, Iran
CGPA: 4/4
Selected Courses ¹

TEST SCORES

- Microprocessor and Assembly Language: 17.25

TEACHING EXPERIENCE

Python Programming Language <i>Institution: Yasan Academy</i>	2021
TA, Operating System Lab <i>Instructor: Dr. Abbas Horri</i>	Spring 2023
TA, Computer Graphics <i>Instructor: Dr. Reza Rouhani</i>	Fall 2023
TA, Data Structures <i>Instructor: Dr. Reza Rouhani</i>	Fall 2023

WORK EXPERIENCE

Programming Language Teacher <i>Yasan Academy</i>	January 2022 - June 2022
· Teach Python To elementary school students	
Technology Assistant <i>Houshmand Sazan System Novin Pars</i>	Summer 2023
· Working on a research project	
· Preparing a translation on “Introduction To 3D Game Programming With DirectX 12” book S1-S4	
· Preparing a book with \LaTeX based on the translation	

¹Introduction to Computer and Programming : A⁺; Computer Architecture : A⁺ ; Data Structure : A⁺; Algorithm Design : A⁺ Linear Optimization : A Computer Networks : A Database : A⁺ Microprocessor and Assembly Language : A Advanced Programming 1–2 : A⁺ Compiler Design: A Principles of Operating Systems : A⁺ Software Engineering : A⁺ Computer Graphics : A⁺ Theory of Languages Automata : A⁺

PROJECTS

DirectX 12 book 2023
Internship Project

- Translate, design and rewrite the book “Introduction To 3D Game Programming With DirectX 12”

Computer Games Management And Sales System with SQL 2023
Freelancing Project

- Design ER, schema SQL codes

Channel Posting Telegram Bot 2023
Free time Project

- Telegram bot to receive posts and create a message with given formats for each channel and post them.

Library Management System with SQL 2022
Freelancing Project

- Design ER, schema SQL codes

ANTLR4 Compiler Design 2022
Freelancing Project

- Design a language and work with ANTLR4 methods

DirectX 9 Human Simulation 2022
Computer Graphic Project

- DirectX 9 C++ program to simulate a human walking
- Design A human with 3D objects

Proxy Finder Telegram Bot 2022
Free time Project

- Telegram bot to search and archive non-duplicated proxies

Instagram Web Crawler 2021
Freelancing Project

- Design GUI, Train a model for good and bad comments, and predict new ones.

Takhsis Sefaresh 2021
Freelancing Project

- University Quera Project of Takhsis Sefaresh (OOP Python)

Python Library Management 2021
Freelancing Project

- Python OOP library management program

Java Library Management 2021
Advanced Programming Project

- Java OOP library management program

Job Finder Telegram Bot <i>Freelancing Project</i>	2021
· Telegram bot to search given channels and find any appropriate freelancing project · Categorize and send all job offers to selected Telegram groups or channels	
CESKU Tools Telegram Bot <i>Free time Project</i>	2021
· Telegram bot for Scientific Society of Computer Engineering	
Contact Management System Projects <i>Computer Basics Project</i>	2020
· Contact Management System programs in Python and PyQT5	
File Stealer PC to USB <i>Free time Project</i>	2020
· Python script to copy specific file types from PC drives to your USB	
File Stealer USB to PC <i>Free time Project</i>	2020
· Python script to copy USB files to PC based on set configs	
File Structure Stealer <i>Free time Project</i>	2020
· Python script to copy structures of all your files (Fast Copy)	
Duplicated Files Finder <i>Free time Project</i>	2020
· Python script to find duplicated files in a directory	
Enigma <i>Free time Project</i>	2020
· Python script to simulate Enigma Machine	
Series Episode Counter <i>Free time Project</i>	2020
· Python program to find missing episodes of any series on your machine	
Amirza-Hacker <i>Free time Project</i>	2020
· Python program to brute-force and find all the combinations of given characters to crack the Amirza Game	

SKILLS

Programming Languages	Python, C/C++, Java,
Web Technologies	HTML, CSS, JavaScript, MySQL, SQL Server, Django, PHP
Libraries	NumPy, Pandas, Matplotlib
Operating Systems	Linux, Windows
Languages	Persian, English
Miscellaneous	L ^A T _E X, Git, Microsoft Office

❶ References, further information, and proofs are available upon request
