

Mostafa Abd El-Hamid Rihan

20 Metwally El Shaa'rawy Nasr City, Cairo. Egypt.

☎ 01270600175 ✉ m0stafarihan5@gmail.com 🔗 <https://m0stafapri.github.io/>

EDUCATION

BACHELOR OF of Computer Science and Artificial intelligence	Sept 2019 - June 2023
--	-----------------------

Helwan University, Egypt

Major: Computer Science

GPA: Very good

HIGH SCHOOL Diploma, Sedki Silliman High School for Boys	Sept 2016 - June 2019
---	-----------------------

Cairo, Egypt

Grade: 93%

ABSTRACT

A recent Computer Science graduate with a passion for solving real-world problems through software development. Proficient in Java, Python, and JavaScript, with experience in web development, database design, and software engineering. Developed a responsive web application with user authentication and image uploads using Django and Vue.js. Proficient in 3D modeling and animation using Blender and experienced in developing games using Unity and C#. Skilled in using frameworks such as ASP.NET, Java Spring, and PHP Laravel to create web applications with different functionalities. Eager to learn new technologies and apply them to develop innovative software solutions.

WORK EXPERIENCE

Orange Digital Center Egypt <i>Internship Trainee</i>	2021 - 2022
---	-------------

I'm thrilled to have interned at Orange Digital Center as a programmer, working with experienced developers to learn and apply programming languages like Java, Python, and JavaScript. Working on real-world projects and collaborating with others has been exciting, and the mentorship from senior developers has been invaluable in preparing me for a career as a professional programmer. I'm grateful for the practical experience gained and excited to take the next steps in my career with the skills developed during my internship.

ALX Software Engineering Programme <i>Internship Trainee</i>	2022 - 2023
--	-------------

During my time there, I learned several programming languages such as Python, JavaScript, and React, and gained hands-on experience using various software development tools and technologies. ALX courses emphasize developing soft skills like teamwork and communication, and I had numerous opportunities to work on real-world projects and collaborate with other students. The experienced instructors shared practical knowledge and insights that went beyond what could be learned from a textbook. Overall, I feel confident that the ALX course has prepared me to succeed in the tech industry with its focus on practical skills development and soft skills training.

Innocent Property <i>Motion Graphic Designer</i>	2022 - 2023
--	-------------

As a freelance Blender animator, I've developed technical proficiency in Blender software, honed creative skills, managed clients effectively, prioritized tasks, and

managed finances. Working in this field has been challenging and rewarding, allowing me to build a successful career and work on a variety of projects.

SKILLS

Language	English, Arabic, German
Solving and Critical Thinking	Excellent
Analytical Skills	Very Good
Attention to Detail	Excellent
Time Management and Prioritization	Very Good
Teamwork and Collaboration	Good
Adaptability and Flexibility	Excellent
Communication Skills	Excellent
Creativity and Innovation	Very Good
Web Development Frameworks	•ASP.net MVC •Django •Vue
Programming Languages	•C# •Java •Python •JavaScript
Front-end Technologies	:•HTML •CSS •JavaScript

CERTIFICATIONS

Introduction to Data Science in Python University of Michigan Grade Achieved: 93.41%	2019
Write Professional Emails in English Georgia Institute of Technology Grade Achieved: 91.33%	2019

PROJECTS

Fitness System with Food Recognition for Health Institutions. 2022 - 2023

Graduation Project with an Excellent Degree.

- Developed a Food Recognition-based Fitness System for use in Health Institutions
- Utilized Python, OpenCV, and Machine Learning Algorithms to achieve High Accuracy
- Collaborated with team members to design and implement the system

Optical Character Recognition "OCR" 2021 - 2022

Using Decision Trees and Random Forests

- Developed an OCR-based project for extracting text from images
- Utilized Python, OpenCV, and Tesseract OCR technology for efficient text recognition
- Included image pre-processing functionality to enhance accuracy
- User-friendly interface for easy image uploading and text extraction
- Efficient and accurate tool for converting images containing text into machine-readable formats

The Internet Movie Database Website (IMDB) 2021 - 2022

A Website using ASP.net MVC

- Contributed to the development of a social networking site for directors and actors
- Utilized ASP.NET, C#, and SQL Server to create a robust and secure platform for sharing papers and collaborating
- Collaborated with team members to implement features such as paper sharing,

question and answer forums, and user profiles

- Applied best practices in web development, including responsive design and efficient data management

Online Food Ordering Website 2022 - 2023

Online Food Ordering Based Website Implemented using PHP, Java and CSS

- Utilized PHP, MySQL, and Bootstrap to create a user-friendly and efficient platform
- Collaborated with team members to ensure seamless integration and functionality

Learning Management System 2019 - 2020

LMS Implemented using java, database and GUI

- Utilized Java, MySQL, and CSS to create a user-friendly and efficient platform
- Collaborated with team members to ensure seamless integration and functionality

Dragon Warrior 2D Game 2021 - 2022

Dragon Warrior Unity 2D Game

- Developed Dragon Warrior Unity 2D game using Unity game engine
- Utilized C# programming language for game development
- Created intuitive user interface and gameplay mechanics, including battle systems, item and inventory management, and character leveling and customization
- Used various Unity plugins and assets to enhance game functionality
 - Demonstrated skills in game development and ability to create high-quality games using modern game development technologies

Animated Short Film 5 Ain by Blender Animation Studio 2022 - 2023

Blender Animation

- Created animated short film 5 Ain in collaboration with Blender Animation Studio
- Utilized Blender open-source software for 3D modeling and animation
- Developed storytelling and visual concepts for the film
- Collaborated with team members to design and implement the film's production pipeline
- Demonstrated skills in animation and storytelling, as well as ability to work collaboratively in a creative team environment
- Utilized modern animation and 3D modeling technologies to create a visually stunning and engaging short film.

Data Storage and Retrieval 2020 - 2021

Data Retrieval System

- Developed a data storage and retrieval system for efficient and secure data management
- Utilized MySQL database management system for data storage and retrieval
- Implemented PHP programming language for server-side scripting and web development
- Created a user-friendly web interface for data entry and retrieval
- Ensured data security through encryption and access control mechanisms
- Demonstrated skills in database management, web development, and data security
- Utilized modern database and web development technologies to create an efficient and secure data storage and retrieval system.

