

SALMA RAMADAN

VR Developer | Unity Developer

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Cairo, Egypt

PROFESSIONAL EXPERIENCE

10/2022 - 3/2024

Maddi, Egypt

VR Instructor / mentor

412 Labs

[diploma projects](#)

[412 labs](#)

- Helped 100+ students with their graduation projects on VR diploma offered from **American Center Cairo**.
- Conduct weekly online sessions to explain new concepts in VR.
- Develop Virtual Reality prototypes and demos.
- Debug technical issues in VR application and VR headsets.

3/2023 - current

freelance

VR / Unity freelancer

Upwork

<https://www.upwork.com/freelancers/~015a33ee22a7b74e8e>

- Top Rated with JSS 100%

4/2023 - 7/2023

Remote, UK

VR developer

Deepscope

<https://www.deepscope.co.uk/>

- Implemented two new features related to MR.
- Debug and fix problems in project.
- Conduct weekly meetings with 3d artists and Project manager.
- Upgraded the whole project and removed deprecated packages.

12/2022 - 1/2023

Cairo, Egypt

NLP developer

Safandi

<https://safandi.com/>

- Develop NLP model with python.
- Deploy model on AWS.
- Test model performance.

10/2022 - 12/2022

Cairo, Egypt

VR developer

Medrar for contemporary art

<https://www.medrar.org/>

- Help artists turn their ideas into VR experience by providing custom editor tools.
- Provide technical support for Unity Engine.
- Helping with Unity features as Particle systems, animations, shaders.
- One of the Projects I was mainly working on, won multiple awards and was displayed in the new Museum in Egypt

1/2022 - 8/2022

Freelance

Programming instructor

Freelance

- Teaching python and C++

2021 - 8/2022

Freelance

Arduino instructor

Freelance

- Teaching Arduino programming and electronics

7/2020 - 2/2022

Giza, Egypt

Sales Manager

Hobby Eng Electronics Store

Education

10/2020 - 10/2027

Helwan University, Egypt Bachelor of Engineering

- 2020-2021 • Engineering Foundation Year
- 2021-2022 • a semester in Biomedical Engineering, then switched majors
- 2021-2023 • year and half in Electronics and Communication Engineering, then switched majors
- 2023-2027 • studying 4 years Bachelor in Computer Systems Engineering

7/2022 - 9/2022

VR development diploma

Cairo, Egypt

ACC U.S. embassy and 412 Labs

Game / XR Development

XR interaction toolkit

Oculus Integration package

Unity

shaders

cinemachine

Quest 2

Photo Pun (Networking)

Netcode for gameobjects

AR Foundation

Vuforia AR

VR profiling / optimization

hand tracking in Quest VR

Quest 3

Programming Languages

C#

C++

embedded C

Arduino C

python

assembly

Other Skills

blender 3d modelling

texturing

web development

illustrator

photoshop

animating

VOLUNTEERING

Technical Director

Helwan Station Student Activity

09/2022 - 01/2023

Head of Embedded Team

Helwan Station Student Activity

2021 - 2022

<https://github.com/Helwan-Station>

R&D member

Robotics Student Organization

2021 - 2022

Vice Head Scientific Committee

Helwan Engineering Student Union

2020 - 2021

Member Technical Committe

Helwan Station Student Activity

2020 - 2021

Graphic Designer

Helwan Station Student Activity

2019 - 2020