

# SALMA RAMADAN

VR Developer

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Cairo, Egypt

## SUMMARY

VR developer who have a unique way of solving problems. Experienced in medical VR field

## PROFESSIONAL EXPERIENCE

10/2022 - current

Maddi, Egypt

VR Instructor / mentor

**412 Labs**

<https://accvrdiploma.com/>

- 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
- Conduct weekly meetings with 3d artists and Project manager
- Upgraded 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 Bachelor of Engineering

Helwan University, Egypt

- 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