

SALMA RAMADAN

electrical and communication engineering student

☎ Mobile: +201019339633
✉ Mail : eng5salma@gmail.com
🌐 LinkedIn : www.linkedin.com/in/s41m4
👤 GitHub : <https://github.com/S411m4>
📍 address : Helwan, Cairo, Egypt

SKILLS

- Unity
- VR development
- C# sharp
- C++ programming
- front end web development
- embedded C programming (AVR)
- Arduino
- teaching
- python scripts writing
- content writing
- public speaking
- powerpoint / slides writing
- illustrator / photoshop designing
- fast computer typing (70 wpm)

Projects

VR electronics simulator

Oculus Quest 2
application

Arduino Robot Hand

Arduino + OpenCV

Function Generator + oscilloscope

AVR + python

reinforcement learning RC car

AVR

Security system

Arduino + ethernet shield

calculator

using atmega328

Python decoder

python

Work Experience

Vr Instructor at "412 labs"

Oct 2022 - present

Freelance programming teacher

2022 - August 2022

- teaching: python, c++

Freelance Arduino teacher

2021 - August 2022

- teaching: Arduino , electronics, programming

Summary writing

2021 - Oct 2022

- writing summaries for 1st **comm** students in : **Logic, C++ programming**
- writing summaries for 1st **power** students in **economics**
- writing summaries for **electronics**

freelance teaching Helwan Engineering students

2020 - 2021

- taught 100+ students about different subjects : physics, production technology, chemistry
- preparing teaching material
- preparing sheets and quizzes pdfs

Sales at "Hobby Eng Electronics store"

2020 - 2021

Internships

- VR development at "412 lab and U.S. Embassy" in Egypt | *July 2022 - Sep 2022*
- PCB training at "Faculty of Engineering Helwan University" | *Aug 2022 - Sep 2022*

Projects

snake Game

python / openCV

XO game

python / pygame

external links

Helwan Station Github (this season projects)

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

Volunteering work

- Technical Director at "Helwan Station" | Sep 2022 - present
- Head of Embedded Team at "Helwan Station" | 2021 - 2022
- R&D member at "Robotics Student Organization" | 2021 - 2022
- Vice Head, Scientific Committee at "Helwan Student Union" | 2021 - 2022
- member, technical committee at "Helwan Station" | 2020 - 2021
- Vice Head, Scientific committee at "Helwan Student Union" | 2020 - 2021
- member, graphic design and media committee at "Helwan Station" | 2019 - 2020
- member, technical committee at "CSEC" | 2019 - 2020