

Mayar Menessy

mayarmenessy@gmail.com

✉ mayarmenessy@gmail.com ☎ +201278179958 📍 Alexandria, Egypt 🔗 <https://github.com/mayarmenessy>
in <https://www.linkedin.com/in/mayar-menessy-765790177/> 📅 16 Feb 2002
🏠 https://codeforces.com/profile/MayarMenasy?csrf_token=19bf3876fe14328714306bb4e2a78464
📌 <https://icpc.global/ICPCID/JBTBKW0UO4TO>

Profile

A student who wants to develop her technical skills, seeks to work professionally by applying her skills and contributes to real projects.

Education

Exchange Student-Fall Semester, *University of Nebraska-Lincoln, USA*

Aug 2023 – Dec 2023 | Nebraska, USA

Bachelor of Software Industry and Multimedia, Computer Science at Faculty of Science, *Alexandria University*

Sep 2020 – Jun 2024 | Alexandria, Egypt

Professional Experience

Prof, Rahul Purandare, *Undergraduate Researcher*

Sep 2023 – present | Lincoln, United States

Working on undergraduate research which is testing Project

MASA PACK, *IT and Marketing Internship*

Aug 2023 – Sep 2023 | 6th October, Egypt

Making promotions for the pharmacy packages, responsible for the website of the company, working with Sales department and e-commerce field.

ITI, *IOS Internship*

Jul 2023 – Jul 2023

Using SWIFT, applying OOP to develop IOS applications

EME innovation Hub Borg, Ideospace, and ITEDIA

Arduino Instructor

2023 | Alexandria, Egypt

Mentored and educated high school students in grades 9 and 11 on Arduino programming, facilitating hands-on sessions to enhance their programming skills and foster understanding, while guiding them in the creation of simple projects.

Ambassador

Alexandria, Egypt

Managed and supervised technical events, sessions, and competitions, including Amazon and Micro Mouse competitions; oversaw on-site technical labs, ensuring seamless organization and execution.

FWD, Udacity, *Professional Software Testing*

Oct 2022 – Mar 2023

Worked on Java OPP Project. Also, using Selenium tool to test front-end of a website.

EME innovation Hub Borg, Ideospace, and ITEDIA, *IOT & Embedded Linux internship*

Aug 2022 – Oct 2022 | Alexandria, Egypt

Implemented IoT solutions by utilizing embedded Linux on Raspberry Pi, applying Python programming and network protocols to enhance and interconnect smart systems

Arab Computers, *Full stack internship* 📧

Aug 2022 – Sep 2022 | Alexandria, Egypt

Utilized a Full-Stack web development approach, employing HTML, CSS, Bootstrap, .NET, C#, and Microsoft SQL to execute various straightforward tasks.

Faculty of Science, *Alex-Sci ICPC Community*

May 2021 – Aug 2022 | Alexandria, Egypt

Problem Solving Training using CodeForces and HackerRank websites for ICP and participated in this competition for two years.

Community service/ Extracurricular Activities

MINK WICK conference, *Kansas, USA, attendee*

Nov 2023 | Kansas, USA

WDC "Winter Development Camp", *Leader and Co-ordinator*

Jan 2023 – Feb 2023 | Cairo, Egypt

I was Responsible for the transportation from Zewail city to AUC university and managed extra works in the camp

Semicolon project, *Project Manager*

Feb 2022 – Oct 2022

Semicolon is social project in which students learn about programing. I was the project manager who was responsible about nearly 300 student and making the plan of the project for its the second season.

S2C "Scholars to Community", *Coordinator and organizer*

Jan 2022 – Oct 2022

Coordinator and organizer at Scholars to Community team under supervision of USAID and AUC coordinators to make a virtual event

IEEE SSCS, *Vice Head Pr*

Nov 2021 – Nov 2022

Responsible for team engagement in the community by representing the team in lots of events

ENACTUS, *IT member*

Oct 2021 – Jul 2022

Student Union at faculty of science at Alexandria university, *Member at The Scientific and Technology committee first year Member at The Families and Clubs committee*

2020 – 2022 | Alexandria, Egypt

SAFWA SCIENCE, *scientific member*

Nov 2020 – Nov 2021

Published a scientific article at 'Safwology' - magazine which is a faculty magazine Jul 2021
Science communicator at science festival event at Alexandria bibliotheca

Technical and Soft Skills

Programming languages and Programming concepts

JAVA - python - C - C# - C++- prolog-LISP-OOP - Data Structure- Algorithms

web development

(HTML - HTML5 - CSS - bootstrap -JavaScript - PHP - SQL - C# - Asp.net core - Asp.net MVC -Microsoft SQL Server - Entity Framework (EF) Core -WebSocket)

Programs

: NetBeans - Vscod - Visual studio - Oracle - Microsoft SQL Server - IntelliJ - Adobe XD - Adobe - After Effect - Unity - Prolog- Blender- CodeBlocks- Cisco packet tracer -Anaconda

IOT communication protocols and sensors- Raspberry pi- Linux- Bash Script

Git / Git-Hub

IOS & Android

JAVA SWIFT

Marketing and Sales

making posters and graphics

Multimedia

Blender for 3D graphics, animation, video graphs, UI/UX figma, Xd and editing using after effect.

Languages

English (IELTS (C1)) • French (A2) • German (A1)

Projects and Courses

Skill Swapping Flutter App

Working on Graduation Project, as backend applying Nodejs, MongoDB, Python and Flutter

Oct 2023 – Jun 2024

Artificial Intelligence

Applying LISP programming language and Python for the concepts of AI

Aug 2023 – Dec 2023

Check Password

In Cybersecurity UNL course, using python, Implementing a tool to check the strength of the password.

Nov 2023

Encryption and Decryption Converter

In Cybersecurity UNL course, using python to apply the encryption and decryption functions.

Oct 2023

Travel App, Java, Android

It is a team app using java and android environment to make a registration flight system.

2023

Shop APP, Flutter and dart

It is a team project using Flutter environment and dart language to make shopping app and run it on docker using

2023

List Programmers, Flutter / Dart

A list simple project presents some programmers and details about them using 3 screens

2023

Pharmacy system, Java, OPP, Data Structure pharmacy system using json file

Jokes App, C#, .NET framework, Microsoft SQL

2022

Currency detection, Python

Adding data analysis techniques to analyze the data used for training the face recognition models for currency detection.

2022

Some Games, Unity, C# 2D and 3D games

2021

Crash Courses (Project Managment - Cybersecurity - AI- Agile & Srum)