

# MAHMOUD SAYED YOUSSEF KOTB



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[Instructor at Udemy](#) for 2,434 Students at “Discrete Mathematics for Computer science in Arabic course and Probability and Statistics in Arabic course “, Chairman of the supreme Scientific Committee of Assiut University Students Union for the year 2022, Ambassador for the Institute of Information Technology ([ITI](#)) in Assiut and Student at Faculty of Computers and Information (Bioinformatics), Assiut University.

## EDUCATION

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- Primary school from 2007 to 2013.
- Middle School from 2013 to 2016.
- High School from 2016 to 2019 with a total of 95%.
- Faculty of Computers and Information, Bioinformatics Dep, Assiut University from Aug 2019 to 2023.

## CERTIFICATE & COURSES:

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[Certificate from Microsoft in DEV210x: Introduction to C++](#)  
[Data-analysis using R by Children's Cancer Hospital Foundation 57357](#)  
[DEV276x: Learn to Program in Java by Microsoft](#)  
[What is Data Science? By IBM](#)  
[Cisco Business IT Roadmap Specialist](#)  
[Certificate from Johns Hopkins University in COVID-19 Contact Tracing](#)  
[Microsoft Excel - Learn MS EXCEL For DATA Analysis](#)  
[Microsoft Certified: Data Analyst Associate](#)  
[Communication Skills: Be a Star Presenter on a Panels](#)

## TEACHING EXPERIENCE

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My technical skills are distributed. I built my technical knowledge from the beginning on a strong foundation during a college study.

- I studied mathematics and then started studying an introduction to programming with C++ and applied many software projects and solved some problems solving on [Code forces](#) about 100 problems.
- I studied discrete mathematics The link between programming and mathematics, and my experience in programming increased after learning discrete mathematics. I explained it on my [YouTube channel](#) and created a course on Udemy called [Discrete Mathematics in Arabic](#).

- Then I moved to the second station, which is my learning of object-oriented programming (OOP) in C++, C#, and java. I applied it in many projects that you can see on [GitHub](#).
- I learned the basics of information systems and applied a project to the [Access program](#) to learn the basics of building databases.
- Then I moved and learned the principles of Data Structures and database using SQL language and I created many databases using SQL.
- I also learned statistics and probability and I prepared a course for it on Udemy and on YouTube then I learned data analysis using the R language and applied what I learned in two projects that you will find on GitHub entitled [ATM transactions](#), [USCB](#).
- I am currently learning visual programming using C# so that I can build an integrated program and I have applied what I learned in visual programming and designing some Windows form using C# and you will find them on [GitHub](#) and I also study computer drawing using OpenGL, and this is a [project](#) that I previously worked on using OpenGL.
- I learned software engineering to learn how to organize the process of building the right software and I did a really integrated project with my team with me in the college helping the student affairs staff in the college to run their work.

Finally, my work as a trainer at Udemy and my publishing of videos on my YouTube channel, I taught how to present my ideas and communicate them to the listener, and I learned video editing and design on Photoshop and creating my own presentations and explaining them in the videos that have been watched by about 80 thousand people at 2021.

## OBJECTIVES

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I am a third-year student in the Faculty of Computers and Information, Assiut University, and my current goal, because I am still a student, is to find a scholarship or training in one of the large technology companies in order to refine my skills that I have learned and to see how work is done in large companies and projects. Where I can utilize my skills to improve my knowledge of new and emerging trends in this sector.

## COMMUNITY SERVICE

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I work in community services in a charity called Smile Makers in Assiut ([جمعية صنّاع البسمة](#)), which is known as No. 940 of 2011 and Volunteer certificate for this charitable organization [here](#)

## LANGUAGES

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**Arabic:** Native Language

**English:** Intermediate Listener, Novice Speaker, Advanced Reading, and Writing

**French:** Little knowledge