

Mahmoud Abdelrazek

Software Engineer | Front-End developer

[Linked in](#)
[GitHub](#)
[Check my website](#) [My YouTube Channel](#)

+20 106 583 8471	Mahmoudzanitty@gmail.com	Qena, Egypt
------------------	--	-------------

Objective **CS Student @SVU | GDG Instructor | Problem Solver | Data Structures & Algorithms Enthusiast**

Computer Science student at SVU with a strong foundation in front-end development, competitive programming, and a passion for data structures and algorithms. Instructor with the Google Developer Community at SVU, teaching object-oriented programming and essential CS concepts. Creator of a YouTube channel offering in-depth tutorials on non-linear data structures and a comprehensive course on pointers and memory management in C/C++. Driven by a love for learning and dedicated to helping others grow through educational content.

Let's connect and collaborate!
Check out my YouTube channel [here](#)

Education **Computer and Information College @SVU**
Egypt, Qena
Bachelor of Computer Science (CS) (Expected 2026)

Key Skills	Soft Skills	Technical Skills
	<ul style="list-style-type: none">• Teaching and Public Speaking (YouTube content creation and GDC instructor)• Leadership and Teamwork (volunteer activities and community engagement)• Analytical Thinking and Debugging• Communication (effective explanation of complex topics to beginners)• Teamwork and Collaboration• Creative design	<ul style="list-style-type: none">• Programming Languages: C++, C, JavaScript, PHP, SQL• Web Development: HTML, CSS, JavaScript, React, Bootstrap, Responsive Design• Algorithms & Data Structures: In-depth tutorials on linear and non-linear data structures using C++• Software Design: Object-Oriented Programming (OOP), familiar with Software Requirements Specification (SRS) and UML diagrams• Problem Solving: Over 900 problems solved on Codeforces, over 200 on Leetcode, and competitive programming experience• Version Control: Git and GitHub for code collaboration and repository management• Operating Systems: Windows, Linux• Memory Management• Postman• Figma

Experience **CS Student @SVU | GDG Instructor | Problem Solver | Data Structures & Algorithms Enthusiast**

Instructor with Google Developer Group (GDG), assisting students in improving coding and problem-solving skills.

Practice Problem Solving Techniques:

- Binary Search (BS), Two Pointers, Prefix Sum, and more

Web Development:

- Developing responsive websites for small businesses and creating user-friendly interfaces using HTML, CSS, and JavaScript

Instructor @ GDG (Google Developer on Campus):

- Teaching object-oriented programming and essential computer science concepts
- Sharing programming experiences and fostering learning within the community

Volunteer Programming Instructor YouTube Content Creator

- Launched a YouTube channel to share carefully crafted educational courses aimed at helping students and programmers
- Aiming to provide a source of inspiration and value for viewers
 - a. Topics include Non-Linear Data Structures (BST, AVL, Graph, etc.)
 - b. Pointer and memory management in C/C++

Projects

- [EDU community for students](#)[Portfolio website](#)
- [Dental Clinic](#)[Chairman site](#)
- [Data Structures project](#)[Programming problem topics](#)
- [Online Library System](#)

Communication

- Write and share posts on LinkedIn about programming and technology topics, aiming to share knowledge with the tech community and exchange ideas
- Actively participate in interactive discussions on various platforms to raise awareness about different programming techniques and expand understanding among enthusiasts

Leadership

- Actively participated in university clubs and initiatives, including leading a study group for fellow Computer Science students
- Volunteered with the Google Developer Community, leading workshops and events to educate students on core computer science topics such as Object-Oriented Programming and Data Structures