# Mahmoud Abdelrazek

CS student | competitive programmer
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Qena, Egypt

## **Objective**

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

I'm a Computer Science student at SVU with a strong foundation in front-end development, competitive programming, and a passion for data structures and algorithms. As an instructor with the Google Developer Community at my university, I teach object-oriented programming and essential CS concepts. I also run a YouTube channel, where I share in-depth tutorials on topics like non-linear data structures and a comprehensive course on pointers and memory management in C/C++. I'm driven by a love for learning and enjoy helping others grow through educational content. Let's connect and collaborate! Check out my YouTube channel here

## Education

Computer and information collage @SVU

Egypt, Qena

Bachelor of Computer Science (2026)

## **Key Skills**

Problem Solving +900 problem @ Codeforces, +200 @ Leetcode Design skill

Design skill Team leadership Team work Communication & Search English language

### **Experience**

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

Instructor (Google Developer Group - GDG) helping students improve their coding and problem-solving skills.

2021 - 2022

Developing responsive websites for small businesses, creating user-friendly interfaces using HTML, CSS, and JavaScript. 2022 - 2023

Work as an **Instructor** teaching programming foundations @**GDG** (**Google Developer on Campus**) I teach object-oriented programming and essential CS concepts

2024 - 2025

I launched my YouTube channel and started sharing carefully crafted educational courses to help students and programmers. I hope it becomes a source of inspiration and value for everyone.

- Non-Linear Data Structures (BST, AVL, Graph... etc
- Pointer and memory management in C/CPP

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#### **Projects**

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EDU community for students
Dental Clinic

Data Structures project

Portfolio website Chairman site

Programming problem topics

### Communicatio

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 as part of the Google Developer Community, leading workshops and events to educate students on core computer science topics like Object-Oriented Programming and Data Structures.