| Mahmoud Abdelrazek  **Software Engineer | Front-End developer**  [Linked in](https://www.linkedin.com/in/mahmoud-abderazek-b0786a253/)  [GitHub](https://github.com/Mahmoud-Abd-Elrazek)  [Check my website](https://mahmoud-abd-elrazek.github.io/my-portfolio-website/) [My YouTube Channel](https://www.youtube.com/@m_abrazeg) | | | | | |
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| 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](https://www.youtube.com/@m_abrazeg) | | | | | |
| Education | **Computer and Information College @SVU** Egypt, Qena Bachelor of Computer Science (CS) (Expected 2026) | | | | | |
| Key Skills | **Soft Skills**   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 | | **Technical Skills**   **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. | | | | | |
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| 2021 – 2022 **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 | | 2022 - 2023 **Instructor @ GDG (Google Developer on Campus):**   * Teaching object-oriented programming and essential computer science concepts * Sharing programming experiences and fostering learning within the community | | 2024 – 2025 **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   1. Topics include Non-Linear Data Structures (BST, AVL, Graph, etc.)   2. Pointer and memory management in C/C++ | | |
| Projects [EDU community for students](https://mahmoud-abd-elrazek.github.io/Edu_Community/postPedai/index.html)  [Dental Clinic](https://mahmoud-abd-elrazek.github.io/Dental-Clinic-Frontend/Home%20page/home.html)  [Data Structures project](https://github.com/Mahmoud-Abd-Elrazek/Data-Structures)  [Online Library System](https://github.com/Mahmoud-Abd-Elrazek/Online-Library-System) | | [Portfolio website](https://mahmoud-abd-elrazek.github.io/my-portfolio-website/)  [Chairman site](https://mahmoud-abd-elrazek.github.io/chairman-_website/)  [Programming problem topics](https://github.com/Mahmoud-Abd-Elrazek/Programming-Problems) | |  | | |
| 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 | | | | | |