

Charbel Khabbaz

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Profile

I am an enthusiastic engineering sophomore student at LAU, deeply passionate about the fascinating realms of mathematics, physics, and programming. With a thirst for knowledge and a drive to explore the intricacies of these disciplines, I find immense joy in solving complex problems and uncovering the underlying principles that shape our world. As I pursue my studies, I am also actively working towards specializing in cybersecurity, aiming to contribute my skills and expertise to safeguarding digital systems and information. Through my journey as a student, I continuously strive to expand my skills, broaden my horizons, and make meaningful contributions to the ever-evolving fields of science, technology, and cybersecurity.

Skill Highlights

- Strong technical skills in SQL, PHP, Java, HTML, CSS, JS, and AUTOCAD.
- Advanced knowledge of Microsoft Excel, PowerPoint, Access DB, and Word.

Projects

- **Fibonacci Sequence Generator and Analysis**

- Developed a program to generate the Fibonacci sequence using iterative, recursive, and memoization techniques, showcasing proficiency in programming and problem-solving..
- Implemented advanced algorithms to analyze key properties of the sequence, such as even/odd distribution, prime number analysis, and approximation of the golden ratio.
- Utilized data visualization techniques to create informative plots and graphs, demonstrating data analysis skills and the ability to present complex mathematical concepts visually.

- **Netflow Project**

- Analyzed netflow data to identify network traffic patterns
- Gained experience with Cisco routers and switches.
- Learned about network protocols and security

Education

- Bachelor of Engineering in computer engineering at Lebanese American University (2022-2026).