

Salma Omran

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EDUCATION

St. John's University – December 2025
Master of Science in Data Science

I am currently an undergraduate student on a fast-track program pursuing a BS/MS dual degree

St. John's University – December 2024
Bachelor of Science in Computer Science
Cumulative GPA: 3.98/4.0, Major GPA: 3.95/4.0
Dean's List Achievement, Google Student Developers Club, ACM Student Chapter, Arab Student's Organization

RELEVANT COURSEWORK

Computer Programming Fundamentals I & II: Strong basis of Java, OOP principles, polymorphism, recursion |
Advanced Data Structures: Implementation + application of Linked Lists, Stacks, Queues, Hashes, etc. |
Software Design Methods: Version Control (GIT), GoF Design Patterns, UML |
Theory of Programming Languages: LISP and C++ syntax, JavaCC, Lexical Analysis, BNF grammar.

PRACTICAL SKILLS

Java Expertise | Eclipse | Data Structures | Algorithms | HTML | CSS | Git | GitHub | VSCode | Public Speaking |
Communication | Leadership |

WORK EXPERIENCE

Future Sphere – (May 2023 to Present)

Coding Instructor

- Inspired young students from 6 to 13 years old by teaching in a 1:12 teacher to student ratio
- Student curriculums are mainly comprised of Python and Java

CVS Pharmacy – (September 2021 to Present)

Pharmacy Technician

- Collaborated with a team of 4 technicians alongside the pharmacist, and filled a total of 1,000 scripts each work day
- Learned to work swiftly, efficiently, and most importantly accurately to ensure patient satisfaction
- Communicated with patients in a friendly demeanor and de-escalated concerns regarding insurance rejections, prescription readiness, etc.

PROJECTS

- Personal Website: Created my very first personal website using HTML and CSS. Consists of over 1,000 lines of code and it is currently under test and in the process of being modified and improved with JavaScript to be more responsive, interactive and user friendly.
- Shopping Cart Project: Created an interactive GUI using JFrame and Java. It simulates a mini checkout section where the user can check off the products they would like to purchase and calculates the total cost.

CERTIFICATIONS

JP Morgan Chase & Co. – Software Engineering Lite Virtual Experience Program – April 2023

JP Morgan Chase & Co. – Agile Software Development Virtual Experience Program – April 2023

PERSONAL LINKS

GitHub: <https://github.com/coderSalma>

Personal Website: <https://coderSalma.github.io>