

Maria Khalife

Computer Science Student

Motivated student with a passion for coding and problem-solving. Eager to learn new technologies, take on challenges and improve as a developer. Interested in data science and artificial intelligence.

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🐙 github.com/MariaKhalife

EDUCATION

BS in Computer Science

Lebanese American University

09/2024 - 06/2027

CGPA:3.91

Baccalaureat Francais

Lycee Franco-Libanais Verdun

09/2023 - 06/2024

18/20

PERSONAL PROJECTS

Designed and implemented a Forensic Investigation Case Database (09/2025 - 12/2025)

- Was the team leader that managed and organized the development of the project. Used MySQL. <https://github.com/MariaKhalife/Forensic-Investigation-CSC375>

Built a Pathfinding Application (10/2025 - 12/2025)

- Implemented Dijkstra's algorithm for shortest-path computation using Java. <https://github.com/MariaKhalife/Pathfinding-Application>

Built a Math learning tool (03/2025)

- This application was built using Python. <https://github.com/MariaKhalife/Math-learning-tool>

Mini Project – Image Classification (MNIST) (04/2025)

- Built a basic image classification model using TensorFlow/Keras/Pandas
- Trained and evaluated the model on the MNIST handwritten digits dataset <https://github.com/MariaKhalife/Image-classification>

WORK EXPERIENCE

Undergraduate Tutor

Lebanese American University

09/2025 - Present

Beirut, Lebanon

Course taught: Introduction to Object Oriented Programming

Tasks

- Designed and delivered customized lesson plans
- Improved students' understanding through clear explanations and problem-solving strategies
- Explained core OOP concepts including classes, objects, inheritance, polymorphism, and encapsulation

TECHNICAL SKILLS

Java

OOP

Python

SQL

Git/Github

C

Mathematics

ACHIEVEMENTS

Placed on Distinction List for Fall 2024 semester

Placed on Distinction List for Spring 2025 semester

Awarded "Félicitations du Jury"

Awarded for achieving a final score of 18/20 on the French Baccalaureate, a distinction granted to a small number of top-performing students each year

SOFT SKILLS

Time Management | Communication | Collaboration
| Team Work | Problem Solving

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Full Professional Proficiency

INTERESTS

Volunteering with Animals Lebanon: Organization that improves the welfare of animals through comprehensive national animal protection.