

Carla Al Fata

Computer Science Graduate

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Computer Science graduate passionate about technology, data science, and information technology. Skilled in analyzing and interpreting data to support decision-making and improve efficiency. Strong foundation in software development, databases, and problem-solving, with a drive to apply innovative solutions in real-world challenges.

EDUCATION

Bachelor's degree in computer science, Beirut Arab University 2022 – 2025
GPA: 3.9/4.0

High School Diploma , Amjad High School 2007 - 2022

EXPERIENCE

Software Development Intern - inmind.ai Jul 2024 – Sep 2024

- Developed dynamic front-end components using Angular, HTML, CSS, and Bootstrap.
- Implemented responsive web designs optimized for multiple devices and screen sizes, enhancing overall user experience and accessibility.
- Recognized for efficiency, dedication, and rapid learning ability, consistently delivering high-quality solutions in fast-paced development environments.

Sales Specialist – Basic Outlet Jul 2023 – Aug 2024

- Built strong client relationships and delivered tailored solutions, driving consistent revenue growth service.
- Consistently exceeded sales targets, recognized for strategic selling, clear communication, and adaptability.

PROJECTS

Customer Segmentation with Explainable AI (XAI)

Tech: Python, Genetic Algorithm Libraries (DEAP), Explainable AI Tools (SHAP, LIME), Jupyter Notebook.

- Developed a hybrid customer segmentation framework using K-Means, neural networks, and genetics algorithms.
- Integrated explainable AI (XAI) techniques to ensure model interpretability.
- Improved classification accuracy and highlighted key behavioral features for business decision-making.

Cargo System Management

- Simulated cargo storage using linked list and stack classes to handle dynamic container operations.
- Applied object-oriented design principles to ensure modular, maintainable, and efficient management of storage logistics.

Guess the word game

- Developed an interactive word game using the Lua programming language, focused on unscrambling letters to guess the correct word.

Database Design for psychotherapy clinic

- Designed and implemented a comprehensive database for a psychotherapy clinic using MySQL, including creating detailed ER diagrams and developing efficient data management solutions to streamline clinic operations.

Additional projects available on LinkedIn profile.

SKILLS

Programming: C++, C#, Lua, Java, Python, JavaScript

Mobile Development: Flutter.

Frontend: HTML, CSS, Bootstrap, Angular

Databases: MySQL

Tools & Platforms: GitHub, Jupyter Notebook, SHAP, LIME

Soft Skills: Meticulous, results-focused, excellent analytical and problem-solving abilities, fast learner, deadline-oriented, flexible with new technologies, dependable, accountable, and proactive communicator.

Certifications

IC3 Digital Literacy Certification

Bug Bounty Award – BAU (\$1M cumulative impact)

LANGUAGES

Arabic: fluent | **English:** fluent