MONA GHORAYEB

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☰ OBJECTIVE

As a computer science student, my objective is to use my knowledge and skills to solve complex problems, innovate new technologies, and make a positive impact on society. I strive to continuously learn and improve, collaborate with others, and pursue a fulfilling career that aligns with my passions and values.

🎓 EDUCATION

French Baccalaureate | Lycee Abdel Kader
JULY 2020

Bachelor's Degree in Computer Science (Candidate) | American University of Beirut (AUB)
GPA: 3.35

The courses that I took during my degree in Computer Science cover all the main fields that my major can provide like programming, data science, computer architecture, and many others. The different courses are the following:

- Discrete structure: discusses the mathematics used in computer science, such as set and number theory.
- Algorithms and Data Structures course: discusses the analysis and design of algorithms.
- Data Structures: discusses the manipulation and organization of data, such as linked lists, hash tables, trees, and graphs.
- Theory of Computation course: discusses the properties and limitations of computation, such as Turing machines.
- Probability and Random Variation course: discusses the probability of computer-related events (i.e. network traffic).
- Database Systems course: discusses the implementation and understanding of databases and query languages, such as SQL and NoSQL.
- Computer Organization and Design course: discusses the architecture of computer systems, such as memory, instruction sets, and microprocessors.
- Operating Systems course: discusses the implementation and design of operating systems, such as Linux.
- Software Construction course: discusses the development of software, including topics such as coding standards, debugging, and version control.
- Software Engineering course: discusses the engineering of software, such as object-oriented development and design.
- Computer Networks course: discusses the principles of communication within a network, such as client-server architectures and TCP/IP.

- Computer Information and Information Security course: discusses the protection of data, such as encryption and authentication.
- Game Programming course: discusses the implementation and design of computer games, such as 3D graphics.
- Programming courses: languages acquired are Python, Java and C++ along with software engineering topics like object-oriented development, software testing and analysis.
- Machine Learning course: discusses data processing, data analysis and predictability using many ways such as linear and logistic regression.

SKILLS

- Problem-Solving
- Communication
- Emotional Intelligence
- Collaboration

- Adaptability
- Attention to details
- Critical Thinking
- Data analysis

HOBBIES

- Reading
- Gaming

SOFTWARES

- Microsoft Office
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Word

- Microsoft Teams
- Microsoft Outlook
- Google Gmail
- Skype, Zoom, Webex

PROGRAMMING LANGUAGES

- Python
- Java

- C++/C
- SQL

LANGUAGES

- English: Excellent
- French: Excellent
- Arabic: Native