# Haidar Haidar

70-202016
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## EDUCATION

**Lebanese American University** **Beirut, Lebanon**
*Bachelor of Science in Computer Science* *CGPA: 3.83*
**2023 - 2026**

**Beirut International School** **Bchamoun, Lebanon**
*Lebanese Baccalaureate*
**2008 - 2023**

## EXPERIENCE

- **Calculator Program** | *HTML, CSS, JavaScript* ***Sep. 2024***

  Developed a responsive calculator application, featuring essential arithmetic operations and a user-friendly interface. Enhanced user experience with interactive buttons and error handling, ensuring smooth and accurate calculations.

- **Media Player** | *HTML, CSS, JavaScript* ***Sep. 2024***

  Developed a desktop media player that plays downloaded audio files with play, skip, and rewind controls. Designed for easy navigation and smooth playback, offering a straightforward experience for listening to and managing songs.

- **BMW Website and Login Page Clone** | *HTML, CSS, JavaScript* ***June. 2024***

  Developed a BMW-themed website, featuring a navigation bars with sections for models, deals, contact information. The site includes pricing details, an interactive Wishlist, and dynamic car slideshows showcasing various appearances of the cars. Additionally, created a login page with a professional layout that aligns with BMW's branding and design style.

- **Design and Implementation of a school database using Oracle** ***Sep. 2024 – present***

  Led a team of 5 in Designing and implementing a relational database system using **Oracle**, starting with an ER model featuring composite and multivalued attributes and relationships with attributes. Translated the ER diagram into relational schemas using a structured process and normalized the database up to BCNF to ensure data integrity and eliminate redundancy. Built and populated the database with meaningful data, developed SQL queries to retrieve and manipulate data, and demonstrated the system's functionality through comprehensive testing and documentation.

- **Dynamic 3D Missile Interception Simulation** | *Python* ***Oct. 2024***

  Designed a Python-based dynamic missile interception system that simulates real-time missile tracking and interception in a 3D environment. Developed precise trajectory calculations and interception algorithms for accurate modeling of dynamic scenarios. Distances, speeds as well as coordinates are frequently calculated which gives real-time feedback and information.

## EXTRACURRICULAR ACTIVITIES

- **LAU CS Club Member** ***Sep.2023 – present***

  Participating in the workshops done by the club. (Cybersecurity events, GDSC events, AI workshops)

- **Competitive Programming Training** ***Nov.2024 – present***

  Provided new computer science students at my university with programming problems to solve, aimed at enhancing their problem-solving skills and familiarizing them with platforms like Codeforces.

## SKILLS & ACHIEVEMENTS

- **Achievements:** *University Honors Scholarship – University Distinction List Twice (2023, 2024)*
- **Software:** *Java – Oracle/SQL – C – C++ – Python – OOP – HTML – CSS – Basic knowledge about AI*
- **Certifications**: *Cisco's Intro. To Cybersecurity*
- **Languages**: *English – Arabic*