Rami Aabed

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Education

LEBANESE AMERICAN UNIVERSITY
BS in Computer Science
2023-PRESENT

COLLEGE Sacré-Coeur Gemmayze
Lebanese Baccalaureate: Sociology and Economics
2012- 2023

Workshops

Participated in many workshops such that:

- Coding and Cybersecurity workshops.
- Hult Prize
- Eco Innovate
- Management

- Skills Development
- Nvidia for Fundamentals in Deep Learning
- Business Law

Projects

LEBANESE AMERICAN UNIVERSITY

- **Database Management System (DBMS)**   **Sep – Dec 2024**
  Designed and implemented a relational database for an NGO, optimizing data storage and retrieval.
  Developed an ER model and mapped it into a normalized relational schema (BCNF). Managed entity relationships (Donors, Beneficiaries, Volunteers, Staff, Projects, Partnerships) with M:N and 1:N mappings. Implemented SQL queries on Oracle for reporting, impact assessment, and resource allocation. Ensured data integrity, security, and compliance with best database practices.
- **Web Development**   **Feb 2025 - Present**
  DIY Tutorials Website
  Developed a dynamic web platform for DIY tutorials, allowing users to browse and access step-by-step guides based on selected categories such as paper, wood, and electronics crafts. Implemented the frontend using HTML, CSS, and JavaScript, ensuring an interactive and user-friendly experience. Built the backend with PHP and Python, integrating MySQL database for managing user data and tutorial content efficiently. Focused on optimizing usability and functionality to enhance the learning experience for DIY enthusiasts.

- **Software Engineer**   **Mar 2025 - Present**
  Travel Agency
  Designed and developed a travel agency system, modeling its operations to resemble a real-world agency. Built an interactive website for booking flights, hotels, and travel packages using HTML, CSS, JavaScript (frontend) and PHP, Python, MySQL (backend) for secure transactions. Integrated personal recommendations, travel assistance, and dynamic pricing to enhance user experience.

Skills

- **Programming Skills:** Java, Python, C, XML, Html, JavaScript, CSS, SQL, Assembly, Linux, Oracle, PHP, Pandas.
- **Acquired Skills:** Communication, Problem Solving, Team Collaboration, Time Management, Leadership, Microsoft Word, PowerPoint, and Excel.

Languages

Arabic (native), English (Excellent Proficiency), French(Excellent Proficiency).

- References available upon request.