DAYANA AZZAM
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EDUCATION

The International University of Beirut-BIU (LIU), Beirut, Lebanon
B.E in Computer and Communication Engineering
GPA: **3.5**

Relevant Courses: **Programming, Database, Web Programming and Designs, Software Applications and Design, Mobile Application, Operating Systems, Embedded Systems, Digital Signal Processing, Digital Communications, Advanced Engineering Mathematics, Machine Learning, Advanced Network Architectures, Wireless Communications, Multimedia Networks, Capstone Project**

TOP SKILLS

- Programming Technologies: **Java, C, C++, MySQL, PHP, Python, OpenCv, Assembly**
- Web Tools and Frameworks: **JavaScript, HTML5/CSS3,Bootstrap**
- Version Control: **Git**
- **Android Development and API Development**
- Hardware: **Arduino**
- Operating System: **Linux Ubuntu, Windows**

- Communication Design: **LabVIEW, MatLab**
- Networking: **Cisco Packet Tracer**
- Microsoft: **Excel, Word, PowerPoint**

PROJECTS:

Automated Exam Proctoring: Online Exam Cheat-Free Platform Proctored by AI aims to control cheating in online exams by monitoring students through the exam, through Face recognition and object detection, (PHP, MYSQL, Python and OpenCv). (2022)

Image Compression: MatLab function to compress a RGB image and then decompress it (Walsh wavelet, Huffman coding) (2020)

IIR Filter Design: Designed a filter, using MatLab, which removes the corruption in a signal corrupted by a sinusoidal noise. (2020)

Travel Agency Website: Developed a travel agency website, using PHP, MYSQL, JavaScript, HTML and CSS. (2019)

Mobile App: A user-friendly mobile application that manages asset control tracking for storage units, using SQLite. (2019)

Speech Recognition: MatLab function that takes a voice as an input and compare it to the saved recorded voices to check if there is a match. (2020)

OTHER SKILLS:

- **Strong analytical and problem-solving**
- **Ability to communicate with others clearly**
- **Ability to work under pressure in a continuously evolving environment.**
- **Independent learner**
- **Well organized and efficient**
- **Self-motivated and assertive.**

ACTIVITIES:

IEEE member

Certificate in Udemy course: Start OpenCV with Python: Real-time Processing with Webcam

Certificate of participation in three days cloud computing workshop with IEEE LIU