

Yazan Aljerro

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WORK EXPERIENCE

Academic Success Center Genetics Tutor - Lebanese American University 09/2022 - 01/2024
Beirut, Lebanon

- Boosted average course grades by 20% for over 200 students through tailored tutoring methods.
- Aligned tutoring with curriculum, incorporating instructor feedback for optimal learning outcomes.
- Implemented study plans improving student engagement by 25% and fostering independent learning.
- Achieved a 90% satisfaction rate, reflected in positive feedback and enhanced academic performance.

Assistant Store Manager - 4G+ Mobile Shop 11/2018 - 11/2020
Beirut, Lebanon

- Oversaw daily operations, HR, customer service, and merchandising to ensure efficiency.
- Monitored metrics, inventory, and sales, providing insights for continuous improvement.
- Recruited, trained, and supervised 3 employees, exceeding sales targets and service standards.
- Streamlined processes, increasing operational efficiency by 15% and reducing wait times by 20%.

EDUCATION

Bachelor of Science in Biology- Lebanese American University 2021-2024
Beirut, Lebanon

- Graduated with honors
- Placed on the Dean’s Honor list as a result of the academic achievements in the Fall 2022 semester
- Modules: Physiology, Microbiology, Genetics, Biochemistry, Biotechnology and Ecology
- Relevant Projects: [The Versatility of CRISPR/Cas9 as a Cancer Modeling Platform and a Promising Therapeutic Strategy](#)
- Kreidie Foundation Scholar (Bursary for students with strong academic performance and from a low socio-economic background)

LEADERSHIP ACTIVITIES & INTERESTS

Acting Vice President - MEDLIFE Lebanon 03/2023 - 03/2024
Beirut, Lebanon

- Coordinated local volunteering initiatives with the Director of Engagement to support underserved communities.
- Managed communication with directors, and reported to the president for organizational alignment.
- Facilitated delivery of services to over 50 families from underrepresented communities.
- Spearheaded ideation of new initiatives to expand organizational impact and reach.
- Provided exemplary leadership, inspiring volunteers to uphold the mission and achieve ambitious goals.

Volunteer Research Assistant - Lebanese American University 09/2022 - 09/2023
Beirut, Lebanon

- Contributed to groundbreaking FMF genetic study exploring APOE, IL-17, and MTHFR gene links.
- Utilized cell culture, PCR, DNA sequencing, and protein purification to analyze variations and identify FMF-associated mutations and proteins.
- Processed 40+ patient samples, aiding the discovery of novel FMF risk and severity markers.
- Commended for extensive lab work and commitment to scientific rigor.

Chess Club Secretary - Lebanese American University
Beirut, Lebanon

09/2022 - 01/2023

- Coordinated over 10 club meetings and sent timely invitations to 60+ members each semester.
- Oversaw planning and execution of 3+ club activities each semester, including tournaments and exhibitions.
- Collaborated effectively with officers, enabling the club to host 2 intercollegiate chess events.
- Spearheaded promotional campaigns that increased club membership by 20% year-over-year.
- Maintained detailed records and facilitated transparent communication, contributing to a 25% increase in member engagement.

COVID-19 Documentation Specialist - Lebanese Medical Students
International Committee (LEMSIC)

04/2022 - 05/2022

Beirut, Lebanon

- Conducted 100+ phone calls with COVID-19 patients.
- Collected comprehensive symptom/treatment data.
- Upheld 100% confidentiality, preserving dignity.
- Processed 100+ surveys with high accuracy.
- Contributed insights informing nationwide healthcare strategies.

ACHIEVEMENTS & AWARDS

Virtual Engineering, Innovation, and Cultural Exchange - Engineering World Health
Beirut, Lebanon

05/2022 - 07/2022

- Developed a cost-effective UVC Sterilization Machine, increasing surface exposure by 40% for thorough disinfection.
- Reduced manufacturing costs by 30% through innovative engineering techniques without compromising effectiveness.
- Enabled 25% more efficient equipment sterilization with a 50% smaller environmental impact.
- Delivered high-performance, and industry-compliant solution.
- Completed cross-functional project within 2 months through strong teamwork and project management

Project Link: <https://bit.ly/UVCDevice>

Cultural Heritage Job Orientation Program - YouthNow Inc.
Beirut, Lebanon

10/2018 - 04/2019

- Selected as a participant in a competitive program focused on preserving heritage sites across Lebanon and Syria.
- Conducted in-depth research on over 10 historically connected sites, gaining comprehensive knowledge of their significance.
- Developed and proposed sustainable preservation strategies projected to extend the lifespan of these sites by 50+ years.
- Collaborated effectively in a team of 5, employing creative problem-solving to conceptualize an award-winning multimedia presentation.
- Acquired valuable skills in project management, teamwork, and cultural heritage preservation through hands-on experience.

Project Link: <https://www.youthnowlb.com/year-2>

SKILLS

- **Research skills:** Able to extract proper information sources, literature reviews, experiments, data analysis, and reports
- **Languages:** Arabic (Native), English (Fluent), German (Beginner)
- **Teaching skills:** Concept explanation and feedback provision.
- **Communication skills:** Excellent communication skills, including the ability to write text that can be published, present data at conferences, and represent the research group at meetings
- **Management and organizational skills:** Ability to execute projects, multi-task, and meet deadlines
- **Software:** R, Python, SPSS, C++, MS Office
- **Laboratory tools:** PCR, Gel electrophoresis, RFLP, Microscopy, Molecular cloning, ELISA-based assays