

Ali Mhanna

2nd Year Computer Science Lebanese American University (LAU)
Beirut Lebanon | +961 70 692 965 | alimhanna81214@gmail.com

OBJECTIVE

To obtain a challenging internship position where my skills in problem-solving, proficiency in programming languages, and strong communication skills can be utilized to drive innovation, enhance user experiences, and gain valuable professional experience in a dynamic environment

PROJECTS

Data Analysis of Youtube Video Trends

Dec 2024

- Analyzed YouTube video performance using pandas, focusing on key metrics such as view counts, engagement rates, and publication timing to identify patterns of video popularity.
- Developed data pipelines to clean, transform, and enrich datasets, integrating additional metadata and performing advanced aggregations and analysis.
- Applied statistical techniques and data visualizations to uncover insights on factors influencing video success, providing actionable recommendations for content strategy.

Redcross Database Design

Nov 2024

- Created an ER diagram with multivalued attributes, weak entities, and complex relationships to model real-world scenarios.
- Applied SQL to implement the database with constraints, foreign keys, and BCNF normalization for data integrity and efficiency.

BlackJack FullStack Game

Nov 2023

- Built a responsive blackjack game using JavaScript, HTML, and CSS, enabling gameplay against a CPU.
- Implemented core game logic and dynamic UI updates through DOM manipulation.
- Enhanced user experience with CSS styling and Bootstrap for responsiveness.

PROFESSIONAL EXPERIENCE

Private Math Tutor

Nov 2023 – Dec 2023

- Delivered private math courses for groups of students, covering complex numbers, inequalities, and Cartesian and parametric equations.
- Utilized a variety of teaching methods and strategies to engage and motivate students, enhancing their understanding and retention of mathematical concepts.

Data Entry Operator, Kaplan, TestPrep

Aug 2023 – Oct 2023

- Entered large volumes of data into the system using Django with high accuracy, ensuring reliable and up-to-date information.
- Conducted thorough data validation to ensure the accuracy and reliability of the entered information, minimizing errors and improving overall data integrity.
- Collaborated with team members to ensure seamless data integration and consistency across various platforms

EXTRACURRICULARS

Delegate, LAU Model Arab League (MAL)

Apr 2022

Starting Player, 3rd Division Basketball, USJ

March 2024 - present

KEY SKILLS

Technical Skills

Python, Java, Javascript, Object-Oriented Programming, SQL, Linux Bash, Git/GitHub, Pandas, HTML, Bootstrap, C Programming Language, Pandas

Soft Skills:

- Exceptional oral communication, public speaking, and writing skills (fluent in both English and Arabic).
- Notable teamwork, leadership, and problem-solving abilities in academic and professional environments