
Ali Helbawi

Data Scientist

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SUMMARY

As a sophomore data science student at Lebanese University, I am eager to leverage my academic background in statistical analysis and machine learning to address real-world problems. My objective is to refine my practical skills in data modeling and analytics through this internship, making meaningful contributions while furthering my professional growth. My coursework has provided me with a solid grounding in programming, data analysis, and database management. Starting with "Introduction to Programming" in C++, I progressed to mastering languages and tools such as C, bash, Java, and Python, with proficiency in the NumPy library. My understanding of statistics spans from basic probability to advanced topics like ANOVA, enhancing my ability to interpret data effectively. Through classes such as "Data Structures and Algorithms" and "Database Management Systems," I have developed the skills to create efficient data models and handle extensive datasets. Additional coursework in "Web Design," "Project Management," and "Consumer Behavior in Data Science" has expanded my knowledge of the technological and behavioral factors that impact data science applications.

EDUCATION

2013-2016 **Bachelor of Science in Pure Mathematics**
Lebanese University
Faculty of science

2023-present **Data science**
Lebanese University
Faculty of information

EXPERIENCE:

2014-2020 **Private Tutor**
I taught private lessons in math and physics for high school and math courses for university students.

SKILLS & ABILITIES

- **Programming Languages:** Python, Java, C, C++, SQL, Ruby, R
- **Web Development:** HTML, CSS, JavaScript
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn
- **Data Structures & Algorithms:** Comprehensive knowledge and practical application
- **Object-Oriented Programming (OOP):** Advanced proficiency
- **Mathematical Tools:** Advanced Calculus, Linear Algebra, Statistics
- **Problem Solving:** Strong analytical skills used to identify issues and logically devise solutions.
- **Collaboration:** Experience working in teams, showing your ability to collaborate effectively on projects and within group settings.

TRAINING/COURSES

- **42 Beirut:** I have participated in intensive and challenging assessment in a 4-weeks training program
 - **Udemy:** Python Data Structures & Algorithms
 - **Udemy:** Bash Scripting and Shell Programming (Linux Command Line)
 - **Code with Mosh:** The Ultimate Java Mastery Series
 - **FreeCodeCamp:** Algorithms and Data Structure course.
 - **Code with Mosh:** Ultimate C++ Series
 - **LinkedIn-Linux:** System Information and Directory Structure Tools
 - **Advanced C Programming:** Pointers
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