

Mahmoud Yamani

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Education

BE, Computer Science and Engineering , American University of Beirut	2021 - 2025
Pursuing a Minor in Mathematics	
Relevant Coursework: Introduction to Probability & Statistics, Design & Analysis of Algorithms, Theory of Computation	
Lebanese Baccalaureate in General Sciences , Rafic Hariri High School — 96/100	2005 - 2021
Awarded Merit Excellence Scholarship by Hariri Foundation	

Research Experience

Research Science Institute , Massachusetts Institute of Technology — MA, USA	06/2020 - 08/2020
<ul style="list-style-type: none">Submitted a bio-informatics research paper on conceiving an in-vitro model of the biomimetic hematopoietic nicheStudied the possibility of accelerating the mesenchymal stem cells turnover rate, and optimizing allogeneic MUD transplants	
Undergraduate Volunteering Research Program , American University of Beirut	09/2022 - Present
<ul style="list-style-type: none">Conducting a thorough investigation on Packing Algorithms in 2D & 3DResearching the Correlation with Shape Parameters of 2D vs 3D Infiltration in Elliptic Aggregates	

Professional Experience

Project Lead , Beirut AI	01/2023 - Present
<ul style="list-style-type: none">Organizing AI-related workshops across Lebanese universities in coordination with a team of instructors and volunteers	
Consultant , 180 Degrees Consulting — AUB	01/2023 - Present
<ul style="list-style-type: none">Conducting a holistic analysis for a theme park that helps the elderly and people with disabilities	
Teaching Assistant , Department of Electrical and Computer Engineering — AUB	01/2022 - 08/2022
<ul style="list-style-type: none">Spring 21-22 & Spring 22-23: TA for EECE 230X (Introduction to Computation and Programming using Python)Summer 21-22: Implemented an automated assignment correction tool for EECE 230X	
Data Analyst , Outlook Student Newspaper — AUB	08/2021 - 06/2022
<ul style="list-style-type: none">Extracted, analyzed, and reported data generated by online user activityCommunicated insights and provide recommendations to increase online visitors	

Extracurricular Activities

MSFEA Cogs and Caffeine Student Magazine , Staff-Writer	11/2022 - Present
Writer in the Research & Innovation section	
SY Podcast , Co-Founder & Head of Social Media and Outreach	09/2020 - 08/2021
Presented 40+ interviews with entrepreneurs and researchers to 1,000 unique listeners from 19 countries	
'Lebanon & Ways to Help' Donations Website , Founder & Owner	08/2020 - Present
Features more than 50 local and international NGOs and local businesses; reached over 2 million visits in 2 months	

Honors

Zaka AI , Intro to AI Bootcamp	2023
Intensive 4-week course covering Data Science, Machine Learning, Natural Language Processing, and Computer Vision	
AKSOB Case Competition , Trainee	2023
1st Place , BBC Micro:Bit MENA	2021
Developed a cost-efficient home automation system using the micro:bit chip	
Microsoft World Championship , New York City	2019
Represented Lebanon along with contestants from over 80 countries after winning the local competition	

Skills

Programming Languages: Python, C++, Java, MATLAB
General: Technical Writing, Academic Research, Data Analysis

