Talal Abwe

Abu-Samra Tripoli

+96171651460   talalabwe7@gmail.com   linkedin.com/in/talal-abwe-147333174/

Personal Profile

As a patient and passionate individual with a strong academic background and notable educational achievements, I am seeking to leverage my knowledge and skills in computational science to contribute to data-driven fields. As a Master's student in Computational Science, my objective is to apply my expertise in data analysis, machine learning, and scientific computing to solve complex problems and drive innovation in areas such as data science, artificial intelligence, and computational modeling.

Education

American University of Beirut   *Beirut, Lebanon*

MSc in Computational Science   *Sept 2022 - Current*

- GPA: 3.95
- Expected gradation: 2025

American University of Beirut   *Beirut, Lebanon*

BSc in Pure Mathematics   *Sept 2018 - June 2022*

- GPA: 3.9
- USAID and Qatar Foundation Scholar

Work Experience

Al Irshad Charity Association   *Tripoli, Lebanon*

Data Entry Intern: Collected data about families that are in need.   *July 2021 - Aug 2021*

Project

Sentiment Analysis and Movie Recommendation System   *Beirut, Lebanon*

Team Leader   *March 2023 - May 2023*

- Collected data from twitter about feedback of users about movies and genres.
- Performed sentiment analysis to categorize feedback into positive, negative, or neutral.
- Recommended movies based on results of sentiment analysis.

Stop the Scroll: Sharpen your Attention With Pomodoro Solution   *Beirut,Lebanon*

Team Leader   *Nov 2023 - Dec 2023*

- Collected data from surveys about the use of social media and factors related to attention span for university students
- Analyzed the data and proved a correlation between the increase in social media usage and the decrease in attention span
- Introduced an updated Pomodoro Prime app that limits the negative effect of social media and consequently increases attention span

Apple's Project Titan: Cancellation of Development of Electric and Self-Driving Car   *Beirut,Lebanon*

Team Leader   *March 2024 - May 2024*

- Identified strategic alternatives and the value measures used to assess each one.
- Conducted deterministic, sensitivity, and probabilistic analyses to support the decision-making process.
- Based on the results, we recommended that Apple could have not cancelled the project but rather scale it down to the development of autonomous driving software that can be licensed for existing manufacturers.

Extracurricular Activities

Digital Literacy for Girls Workshop   *Bhannine, Lebanon*

Cofounder   *June 2022 - July 2022*

- Conducted interviews with high school directors, teachers, and students to determine challenges that students face at school and while moving to universities.
- Delivered training to 20 beneficiaries, providing them with sessions on how to use Microsoft tools, manage email, and practice internet security.

UNICEF Club AUB   *Beirut, Lebanon*

Volunteer   *Feb 2019 - May 2022*

- Worked with a group of volunteers to develop workshops and games for children.
- Taught a group of 40 children about the alphabets and simple calculations

Summary Skills

Languages	Fluent in Arabic and English
Computer Skills	MS Office, Python, Tableau, SQL
Soft Skills	Detail oriented and Communication, Problem solving skills