

Charbel Tony Touma

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EDUCATION

BS in Computer Science American University Of Beirut
Minor in Applied Mathematics American University Of Beirut
Minor in Creative Writing American University Of Beirut

2020-2023

GPA 91/100 - Dean's Honor List

Languages English, French, Arabic

Relevant Coursework Data Science, Numerical Computing, Machine Learning

Usaid & Qatar Scholarship I got a full scholarship from USAID at AUB, and I am a member in Qatar Scholarship foundation.

Former UPP student: It is a one-year program helping students to pursue their studies at higher-learning institutions.

SKILLS

Technical Skills : Data Analysis, Programming, Database & SQL, Writing, Requirement Gathering

Soft Skills : Problem Solving, Creativity, Communication, Critical Thinking

EXPERIENCE

SEO Specialist & Database Administrator

Lebanese Alternative Learning

June 2022 – August 2022

Hybrid – Beirut

- Improving the website ranking and visibility and optimizing its content, as well as executing link-building strategies.
- Sustaining database structure and becoming familiar with backup techniques and procedures by regularly performing maintenance tasks and data treatments.

Teacher – Tutor

Essay Writing Lebanon, Study Pool, Algorithmics

2020

On-line

- Developing teaching principles and subject matter expertise in challenging projects and advanced coursework and learning materials.

PROJECTS

Database : This project focuses on Vaccination entities and COVID outbreak, using **MySQL** and **Java queries**.

ML : It differentiates between a signal and a background process, using **Jupyter Notebook** and **Python**.

Data Science : It involves exploring the data pipeline and conducting exploratory analysis, using **R** and **Python**.

Website : Full stack developer – this project involves creating basic front-end and back-end aspects in "Google Play Store"-similar website, using **HTML, CSS, JS, MySQL, React, .Net**

Gaming : It was created using **Unity** covering its gameplay mechanics in customized software architecture.

Mobile App : “QuizUpp”- covers all the design phases of the software life cycle, using **Flutter** and **Firebase**.

NON-ACADEMIC ACTIVITIES

Volunteering

Nakab Center, Remy Rbeiz Foundation, Autism Awareness Association, RC, Unicef...

Community Service Project

We are developing a mobile app to encourage eco-tourism in Zgharta.

Previously, I worked on a project related to poverty, with a particular focus on educating street children.

Workshops and Conferences

Innovation, Public Speaking, Conflict Resolution, Monitoring and Leadership, Civic Engagement, Writing, Time Management...