Tamer El Halabi

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EDUCATION

Lebanese American University	**Beirut,Lebanon**
BS in Computer Science **GPA: 3.53/4**	*Graduation Date: May 2025*

PROJECT EXPERIENCE

Database Management System for a Hospital	**Beirut,Lebanon**
St. Mary's Hospital	*Sep 2023 - Dec 2023*

- Developed a comprehensive ER model for the St. Mary's Hospital Database.
- Translated ER model into relational schemas.
- Established tables and populated with meaningful data on Oracle Server.
- Executed SQL transactions to enhance database functionality.
- Applied normalization techniques up to BCNF Normal Form, optimizing data integrity.

CERTIFICATES

GOOGLE DATA ANALYTICS	**Online**
Coursera	

- Creating dashboards using tableau(DataViz tool)
- Using SQL to clean data and achieve data integrity
- Manipulating and cleaning data through Pandas in order to drive useful visualizations via MatPlotLib

Machine Learning Engineer Track	**Online**
DataCamp	*Dec 2023 - Feb 2024*

- Portofolio

INTERMEDIATE MACHINE LEARNING	**Online**
Kaggle	

- Implementing and evaluating the XGBoost gradient boosting machine algorithm for supervised learning.
- Building and deploying complex machine learning models with pre-processing using pipelines.
- Using hyperparameter tuning to optimize the performance of machine learning models.
- Evaluate machine learning models using cross-validation to avoid overfitting.

SKILLS

SQL(Oracle,mongoDB),Python(Scikit-learn, NumPy, Matplotlib, Pandas), Machine learning

Skills: Algorithms(Supervised and Unsupervised Learning), Java(Algorithms, OOP and Data Structures), Statistical Analysis, PowerBI, Linux OS,Docker

LEADERSHIP EXPERIENCE

LAU Computer Science Club	**Beirut,Lebanon**
Volunteering	

- Participated in several technical-based events and acquired key technical and soft skills

LAU Philosophy Club	**Beirut,Lebanon**
Volunteering	

- Helped in organizing intellectual events such as debates and talks