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PROFESSIONAL SUMMARY

Motivated Computer Science graduate with an enthusiasm for technology industry. Proficient in Java and SQL, with a solid background in algorithm design. Eager to contribute to a dynamic team and use problem-solving talents in a collaborative setting.

EDUCATION

LEBANESE AMERICAN UNIVERSITY
Bachelor of Science in Computer Science

BEIRUT, LEBANON
SEP. 2022 -MAY.2025

LEBANESE NATIONAL SCHOOL
Life Science

BEIRUT, LEBANON
SEP. 2019– JUNE. 2022

- High Distinction

PROJECTS

LEBANESE AMERICAN UNIVERSITY

Machine Learning Project

SPRING-2024

- Python based program for detecting human heartrate levels.
- Testing software behavior improvement after data collection and analysis.
- Data analysis for results and filter for biased observations.

Deep Learning Project

Fall-2024

- *Built a classification model using DenseNet201 for differentiating between malignant and benign cases*
- *Achieved high accuracy on a small dataset through extensive tuning and data augmentation techniques*
- *Tackled overfitting challenges to enhance model performance in medical AI applications for cancer detection*

Blockchain Systems

SPRING -2025

- *Implemented transaction fees and updated validation logic to ensure accurate UTXO handling and secure fund transfers.*
- *Designed off-chain storage with MongoDB, using SHA-256 hashing and external references for scalable big data management.*
- *Enhanced block chain validation and conducted testing to ensure integrity, immutability.*

PUBLICATIONS

- *A radial basis Bayesian regularization procedure for the Lassa virus mathematical model*
European Physical Journal Plus (EPJ Plus), Springer Nature, 2025.

LANGUAGES

- English (fluent) • Arabic (fluent)

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- | | | | | | |
|----------|-------|--------------|----------|-------------|-------|
| • Java | • SQL | • C language | • Python | • HTML | • CSS |
| • JQuery | • PHP | • JavaScript | • React | • Bootstrap | |

INTERNSHIPS

- Integrated Digital System (IDS) | MAY 27,2024- JULY 31,2024 | Beirut

Developed dynamic web applications using PHP,MYSQL(CRUD),front-end technologies and applied OOP principles in PHP.

- GreaTeck | JUNE 1,2024- JULY 31,2024 | Beirut

Learning Mobile Android development, troubleshooting, and environment setup. Utilized Git/GitHub for version control and Trello for task management. Worked on new features, bug fixes, and collaborated with teammates through research and problem-solving.