

Bilal Osman

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EXPERIENCE

CITG | PRE-SALES ENGINEER INTERN

August 2024 – September 2024 | Beirut, Lebanon

- Spearheaded the design of IT infrastructure proposals, ensuring optimal alignment with client requirements by collaborating closely with the engineering team.
- Streamlined the deployment of Cisco solutions by demonstrating proficiency in various subscription models, enhancing the customer's understanding of flexible deployment options.
- Played a key role in technical consultations, helping clients transition to advanced networking solutions while optimizing operational efficiency.

AICADEMY SUMMER CAMP | INSTRUCTOR

Summer 2024 | American University of Beirut

- Collaborated with cross-functional teams to design engaging course content, ensuring that it met educational goals and fostered deeper understanding of AI and ML topics.
- Guided students through practical AI projects, enhancing their teamwork, project management, and problem-solving skills in real-world AI applications.

OSTAZ COMPUTER SCIENCE TUTOR

Jan 2021 – July 2024 | Beirut, Lebanon

- Helped students master complex concepts by breaking down difficult topics into digestible lessons, creating a strong foundation in technical problem-solving and computational thinking.
- Developed customized lesson plans focused on enhancing students' proficiency in Python, SQL, and data analysis, adapting to each student's individual learning style and needs.

PROJECTS

MACHINE LEARNING PROJECT | TEXT CLASSIFICATION

Spring 2024 | American University of Beirut, Beirut, Lebanon

- Built a comprehensive text classification pipeline using Python, from data preprocessing (tokenization, lemmatization) to feature engineering (TF-IDF) for traditional models and transformers.
- Implemented and compared traditional machine learning models like SVM and logistic regression with advanced deep learning models.
- Leveraged hyperparameter tuning and evaluation techniques to optimize model performance.

DATABASES PROJECT | WHOLESALE PLATFORM MANAGEMENT

Spring 2023 | American University of Beirut, Beirut, Lebanon

- Designed and implemented a relational database system to manage the daily operations of a wholesale platform.
- Developed advanced queries to handle order placement, subscription management, and employee performance tracking.
- Created views for streamlined access to order details and subscription statuses, and optimized the database with indexing for faster query performance.

EDUCATION

AMERICAN UNIVERSITY OF BEIRUT

BACHELOR OF SCIENCE IN
COMPUTER SCIENCE
2024 | Beirut, Lebanon

INTERNATIONAL NLP TRAINERS ASSOCIATION

MASTER PRACTITIONER IN THE
SCIENCE OF NEURO-LINGUISTIC
PROGRAMMING
2020 | Beirut, Lebanon

SKILLS

Back End Development
Java • SQL • Python • C • C++ • Bash •
Docker • Kubernetes
Front End Development
HTML • CSS • Bootstrap
Miscellaneous
Git/Github • AWS • UNIX
• Machine Learning • Natural Language
Processing • Tableau

COURSEWORK

Data Structures and Algorithms
Machine learning
Software Engineering
Data Science
Operating Systems
Differential Equations
Computer Networks
Applied Statistics
Database Systems

CERTIFICATIONS

Certified Cloud Practitioner (AWS)
Certified Solutions Architect (AWS)
Devops Engineer (Manara)
English C2 Proficiency (Cambridge)

LANGUAGES

English (Fluent) • French (Professional) •
Arabic (Native)