EL FAISAL ALAAEDDINE

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Chouf, Lebanon

PROFILE

Dedicated and highly motivated Computer Science Master's student, seeking a challenging position where I can leverage my technical expertise in object-oriented programming, operating systems, and data structures to contribute effectively in a dynamic and innovative environment. With a solid background in machine learning, software engineering, and web development, I am committed to pushing the boundaries of technology and thereby resulting in a meaningful impact for a forward-thinking organization.

PROFESSIONAL EXPERIENCE

LEBANESE AMERICAN UNIVERSITY   **Beirut, Lebanon**
Lab Instructor   *2022 – Present*

Courses: Introduction of Object-Oriented Programming, Operating Systems, Objects and Data Abstraction, Algorithms and Data Structure, Introduction to Computer Skills

◦ Conduct and instruct the Operating System Lab course, providing comprehensive hands-on guidance to students in various aspects of operating systems, including Windows and Linux, C programming, and practical experience with Ubuntu
◦ Design and implement effective laboratory exercises and assignments that aligned with course objectives and encouraged critical thinking, problem-solving, and practical application of theoretical concepts
◦ Offer personalized one-on-one guidance during office hours to address students' queries, clarify course content, and provide tailored assistance to enhance their understanding and academic performance
◦ Foster a collaborative and interactive learning environment by facilitating group discussions, peer-to-peer teaching, and team-based projects, promoting a deeper understanding of the subject matter

EDUCATION

LEBANESE AMERICAN UNIVERSITY – LAU   **Beirut, Lebanon**
MS in Computer Science   *2022 – 2024*
◦ *Graduate Assistantship*
◦ *Thesis: The fine-tuning of large language models for the public health sector, aiming to enhance natural language understanding and information extraction for healthcare applications*

LEBANESE AMERICAN UNIVERSITY – LAU   **Beirut, Lebanon**
BS in Mathematics; Minor in Computer Science   *2018 – 2021*
◦ *Merit Scholarship (GPA: 3.58)*

PROJECTS

LEBANESE AMERICAN UNIVERSITY – LAU
Cryptography Project – Advanced Encryption Standard, involving encryption and decryption of the algorithm   *2023*

LEBANESE AMERICAN UNIVERSITY – LAU
Blockchain Project – Design of a blockchain model that transfers and stores Bitcoin   *2023*

LEBANESE AMERICAN UNIVERSITY – LAU
Machine Learning Project – Adversarial Defense strategies against adversarial attacks, contributing to the development of robust machine learning models   *2022*

LEBANESE AMERICAN UNIVERSITY – LAU
Software Engineering Project – Development of a hospital's system   *2021*

LEBANESE AMERICAN UNIVERSITY – LAU
Research Projects – Database management systems for the design of an airport   *2020*

EXTRACURRICULAR ACTIVITIES

LEBANESE AMERICAN UNIVERSITY – LAU
Comprehensive Web Bootcamp – Completed projects using HTML, CSS, and JavaScript for the
development of a food app named "Brisk" *2020*

LEBANESE AMERICAN UNIVERSITY – MODEL UNITED NATIONS (MUN)
Member of the Global Classes *2013 – 2014*

LANGUAGES

- **Languages:** Arabic (Native), English (Full Professional Proficiency)

COMPETENCIES

- **Computer Skills:** Advanced Microsoft Office, Operating Systems (Windows, Linux, Ubuntu). Outlook, Research & Navigation
- **Programming Languages:** MATLAB, Java, Python
- **Core Competencies:** Object-Oriented Programming, Algorithms and Data Structures, Machine Learning, Software Engineering, Database Management, Natural Language Processing (NLP), Web Development, Lab Instruction, Guidance & Support, Project Management, Cryptography, Communication, Leadership, Teamwork, Problem Solving, Critical Thinking, Detail Oriented, Strategic Planning, Decision Making, Organization, Adaptability, Time Management

*References Available Upon Request