

Leen Zarkout

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Objective:

My aim is to obtain a fulfilling and purposeful role within the Quality Assurance field. I possess technical expertise in mobile testing, web testing, and software testing, which I can contribute to my prospective employer. I am keen to gain practical experience, extend my knowledge, and play a significant role in a cooperative organization as a valuable member of a collaborative company.

Education:

September 2020 – May 2023

Rafik Hariri University

Mechrif, Lebanon

Senior

Bachelor of Science in Computer Science

GPA: 89.57

Academic Researches:

- **Summative Learning Project: Booking Appointment System**

A doctor booking appointment system is a digital platform that allows patients to book appointments with healthcare professionals such as doctors, dentists, or other medical practitioners. The system typically includes a database of healthcare providers with their schedules, availability, and specialties. Patients can search for a healthcare provider based on their location, availability, or specialty and then schedule an appointment with them using the platform.

Projects:

Pharmacy Management System: The objective of this system is to gather and organize comprehensive information about medications, including their prices, quantities, expiration dates, and other relevant details, in order to streamline the work of pharmacists and make it more efficient. By storing all of this data in one central location, the system can provide pharmacists with quick and easy access to the information they need to effectively manage their inventory and assist their customers.

Conversion of an ϵ -NFA to DFA, Creation of DFSA and Applications of Finite State Machines:

The purpose of this project is to explore the process of converting ϵ -NFA to DFA, defining Deterministic Acyclic Finite State Automaton (DAFSA) and its practical implementation, and examining the various applications of Finite State Machines (FSMs). To achieve this, we have developed a website using HTML, CSS, JavaScript, and Bootstrap that can convert ϵ -NFA to DFA and construct DAFSA automaton.

Linux Security: This project provides an overview of different techniques for safeguarding the security of a Linux system. The topics addressed include identifying and eliminating viruses that may be downloaded from the internet and render the system unusable, as well as utilizing firewalls

to prevent unauthorized access from external sources. Furthermore, the project delves into security concerns related to running Windows software via a Linux compatibility layer, which is a software interface that enables applications designed for one operating system or hardware architecture to operate on a different host system.

Crafty Corner Website: We proposed the development of a website's front-end, where we would create new features that users can see and interact with. Our responsibilities included designing the layout and structure of web pages, building reusable code, and optimizing page loading times, and utilizing various markup languages to create the web pages.

2019 – 2020

Al Ikhaa School

Beirut, Lebanon

Lebanese Baccalaureate in Life Sciences

Skills:

- **Computer Skills:** HTML, CSS, JavaScript, C++, Java, Database, SQL, Object Oriented Programming , Linux, Software Testing, Mobile Testing, Web Testing, Test Cases, Black-box Testing, Regression Testing, JIRA, Github, Software Testing, TestRail, Database testing, Postman, PostgreSQL, and Cisco Packet Tracer.
- **Communication Skills:** Handling numerous projects concurrently, cooperating with teams to plan and attain goals, and proficiently organizing time to meet deadlines, cooperating with a varied range of individuals from diverse backgrounds.

Experience:

❖ Programming Lab

Assistance Main Duties:

- Assisting students with programming assignments and projects, including helping them troubleshoot coding errors and providing guidance on programming concepts.
- Preparing and maintaining lab equipment and software, including ensuring that computers, software, and peripherals are up-to-date and functioning properly.
- Providing technical support for students and faculty, such as troubleshooting computer and software issues and helping with hardware configurations.
- Setting up and administering programming exercises and tests, including grading assignments and providing feedback to students.

Languages:

- Arabic: Native
- English: Fluent

Activities and Honors:

- 2022-Present CCNAv7: Introduction to Networks (with merit)
- 2022-Present CCNAv7: Switching, Routing, and Wireless Essentials (with merit)
- 2022-Present CCNAv7: Enterprise Networking, Security, and Automation (with merit)
- 2021-Spring President's Honor List, College of Arts and Sciences
- 2021-Fall President's Honor List, College of Arts and Sciences
- 2022-Spring Dean's Honor List, College of Arts and Sciences
- 2022-Fall Dean's Honor List, College of Arts and Sciences

References:

Available Upon Request