

Karim Chehab

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Objective:

My goal is to secure a fulfilling role in Quality Assurance Engineering. I offer my technical expertise in Computer and Telecommunications Engineering, along with my commitment to ensuring software quality and delivering exceptional solutions. I am eager to gain hands-on experience and expand my knowledge in the field while contributing as a valuable member of a collaborative company.

Education:

September 2019 – May 2023

Rafik Hariri University

Mechrif, Lebanon

Senior

Bachelor of Engineering in Computer and Communications Engineering,

GPA: 91.39

Academic Researches:

- **Summative Learning Project: Driver Assistance System**

In this project, we use YOLOv5 to detect objects in live video captured by a camera connected to a laptop. The project is divided into two main parts: training the YOLOv5 model using the Cityscapes dataset and implementing the ADAS system. Once the model is trained, the next step is to connect the camera to the laptop and use an OpenCV code to open the camera and capture live video. The video frames are then fed to the YOLOv5 model to detect objects in the video. Based on the objects detected, the ADAS system sends alerts to the driver.

2018 – 2019

Ali Ben Abi Taleb School

Beirut, Lebanon

Lebanese Baccalaureate in Life Sciences

Skills:

- **Computer Skills:** Software Testing, Mobile applications Testing, Web application Testing, API Testing using Postman, Database testing, Bug reporting, Test Cases, Checklists, Black-box Testing, Regression Testing, JIRA, Github, Manual Software Testing, TestRail, Agile Testing, Test Automation, Confluence, PostgreSQL, PGAdmin 4, Charles Proxy, Smoke and Sanity Testing, Backend Web Testing, Excel, Cisco Packet Tracer, HTML, CSS, JavaScript ES6, C++, Database, SQL, OOP, Algorithms and Data Structures, Chatbot, YOLOv5, OpenCV, Git.
- **Interpersonal Communication:** Working on different projects at the same time, developing plans with teams to reach our goals, managing time, meeting deadlines, working with teams, working with people from different backgrounds.

Experience:

❖ Quality Assurance Engineer Internship at XpertBot: (Feb 6, 2023-Present)

Main Duties:

- Introduction to Software Testing - Overview of software testing and its importance, testing methodologies, and types of testing.
- Test Planning and Design - Understanding of test cases, test plans, and how to design effective test cases.
- Test Execution and Reporting - Techniques for executing tests, documenting results, and creating test reports.
- Test Automation - Overview of test automation, selecting the right tools, and implementing automated tests.
- Agile Testing - Understanding of Agile methodologies, Scrum, and how testing fits into the Agile development process.
- Performance Testing - Techniques for evaluating software performance, including load testing, stress testing, and performance optimization.
- Security Testing - Understanding of software security, identifying potential threats, and implementing security tests.
- Test Management - Strategies for managing tests, including test case management, test environments, and test data management.

❖ Telecommunications Engineering Internship at Ogero: (December 5, 2022- Jan 26, 2023)

Main Duties:

- Telecom services through fiber cables.
- Telecom services through copper cables.
- The exchange designs including civil work, primary cables, secondary cables and cable vaults.

❖ IoT Engineer Internship at Emertxe Information Technologies: (June 23, 2022-July 23, 2022)

Main Duties:

- Building IoT Applications using Raspberry Pi
- Microcontroller programming using Arduino
- Programming with Python and Advanced/Embedded C
- IoT Cloud Infrastructure
- Building IoT Applications using Raspberry Pi
- Overview of IoT and High Level Architecture
- Using hardware online simulator and cloud

❖ Network and System Engineering Internship at El Haceb: (June 1, 2022 -July 31, 2022)

Main Duties:

- Troubleshooting and configuring real-life network problems.
- Solving routing and switching labs on Packet Tracer Software.
- Conducting research on new networking software and tools.
- Searching for and identifying networking terminologies.
- Configuring Cisco switch with El Haceb Team.
- Configuring and Troubleshooting Servers
- IT Hardware Support and Computer Hardware installations

Languages:

- Arabic: Native
- English: Fluent

Activities and Honors:

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| • 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) |
| • 2020-Present | Member in the Institute of Electrical and Electronics Engineer |
| • 2020-Fall | President's Honor List, College of Engineering |
| • 2019-Fall | President's Honor List, College of Engineering |
| • 2021-Spring | Dean's Honor List, College of Engineering |
| • 2022-Spring | Dean's Honor List, College of Engineering |
| • 2021-Fall | President's Honor List, College of Engineering |
| • 2022-Fall | Dean's Honor List, College of Engineering |

References:

Available Upon Request