

Joud Majed AlFarra

Bachelor of Science in Computer Science

As a graduate with a Bachelor of Science in Computer Science and a focus on cybersecurity, I am seeking a role where I can apply my knowledge and technical skills to contribute to the success of the organization. Through this opportunity, I aim to expand my skills in areas such as security analysis, data analysis, and threat detection.

Projects

Bachelor Project - 2024

Effat University

Senior Project titled "Federated Learning for Intrusion Detection in Internet of Vehicles"

Developed an intrusion detection system that utilizes Federated Learning techniques designed to secure electric vehicles' charging stations.

The 13th International Conference on Research in computing at Feminine (RIF'24)

University of Constantine, Algeria

Presented research titled "Machine Learning-Driven Distributed Intrusion Detection System for the Internet of Vehicles" - Accepted for publication

The 5th Undergraduate Research Forum - 2024

Effat University

Presented a study titled "Recursive Feature Elimination (RFE) for Improved Phishing URL Classification: A Comparative Study" - Accepted for publication

The 20th International Learning and Technology Conference - 2023

Effat University

Presented a research paper titled "The Redefinition of mHealth Applications in the Metaverse" - Published & available on IEEE Xplore

The 4th Undergraduate Research Forum - 2023

Effat University

Presented an analysis paper titled "Analysis of AES-based Encryption Techniques for Securing Electronic Health Data (EHR)"

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Education

School Education

Coral International School

2006 - 2020

Jeddah, KSA

University Education

Bachelor of Computer Science

Effat University

2020 - 2024

Jeddah, KSA

GPA: 3.92/4

Relevant Courses

- Data Structures and Algorithms
- Computers Networks
- Database Systems
- Advanced Programming
- Software Engineering
- Information & Cybersecurity

Volunteering

- Organized Cybersecurity Awareness Workshop for Students
- Qiyas National Center for Assessment
- SKAB Group of Companies
- Deanship of Student Affairs
- Event Management
- Data Entry
- Tutor

Experience

Capstone Project Showcase 2024

Effat University

- Participated in the Capstone Project Poster Showcase
- Presented poster titled "Federated Learning for Intrusion Detection in Internet of Vehicles"

International Conference on Logistics 2024

University of Jeddah

- Participated in the poster competition
- Presented a poster titled "Federated Learning for Intrusion Detection in Internet of Vehicles"

Data Analyst Associate Intern 2023

Quantum Arabia for Marketing

August 2023 - October 2023 (3 months)

- Participated in the "QRM All-Hands Workshop" to research competitors and inform strategy
- Reconfigured the KPI Dashboard to improve data visualization for non-technical stakeholders
- Organized and enhanced data collections to improve data quality
- Restructured the sampling report to focus on relevant information
- Tracked website contact links to analyze lead generation trends
- Conducted a thorough examination of CDP suppliers
- Analyzed marketing campaigns and updated the company profile to align with consumer demands

Sakura Science Program 2022

Tokai University

- Attended the virtual robotics workshop
- Conducted research on a topic discussed in the workshop
- Prepared and delivered a presentation about the chosen topic

6th IET GCC Robotics Challenge 2022

The institute of Engineering and Technology

- Proposed and presented the solution of using an "ANTI-COVID Robotic Arm" to reduce contact and help prevent the spread of Covid-19.

Certified Online Courses 2021-2024

IBM

Introduction to Artificial Intelligence (AI) - 2024

Generative AI: Introduction and Applications - 2024

Google

Foundations of Project Management - 2023

Project Initiation: Starting a Successful Project - 2023

Project Planning: Putting It All Together - 2023

The Hong Kong University of Science and Technology

Software Engineering: Software Design and Project Management - 2022

Certified Online Courses 2021-2024

Cisco

Exploring Networking with Cisco Packet Tracer - 2022

CCNA 1: Introduction to Networks - 2022

University of California, Irvine

Communication in the 21st Century Workplace – 2021

This selection highlights relevant training; further coursework can be shared upon request.