Leena Aldossary

KSA, Al Khobar | +966 50 609 7082 | leena-aldossary@hotmail.com | linkedin.com/in/leena-aldossary/ | github.com/LeenaAhmad

EDUCATION

Prince Mohammad Bin Fahd University   **Al Khobar**

Bachelor's of Science in Computer Engineering   *08/2022*

- **Honors:** Cum Laude (GPA: 3.55/4.0)

EXPERIENCE

Saudi Aramco   **Dhahran**

Computer Engineering Intern – Communications Operations Department   *06/2022 – 08/2022*

- Successfully installed and configured Nessus agents improving security posture.
- Configured RAID on DELL servers to improve data reliability and reduce downtime in case of hardware failure.
- Manually configured switches for a compliance check routine, ensuring all requirements were met.
- Proposed an innovative idea by optimizing Artificial Intelligence and Machine Learning algorithms for traffic management.

King Abdulaziz Center for World Culture Ithra   **Dhahran**

Crowd Management Volunteer   *01/2022*

- Warmly greeted 80-150 visitors per shift into the Ithra museum and offered advice on the best activities for families.
- Strived to make visitors feel welcomed and delighted and answered questions to the best of my ability.
- Ensured the safety of visitors whilst entering and leaving the establishment by guiding and managing the crowd at the entrance point.

Prince Mohammad Bin Fahd University   **Al Khobar**

Humanities Week Event Participant   *12/2019*

- Collaborated with team members in exploring and learning about the importance of cultural diversity by motivating the team through frequent communication, task organizing, and preparation.
- Received special recognition through positive feedback from instructors and students and was awarded for participating in the photography competition which represents Saudi culture in a photo.

PROJECTS

Smart Ambulance Traffic Management System Using Artificial Intelligence.   **Spring Semester**

Senior Project   *01/2022 – 05/2022*

- Programmed a computer vision-based traffic signal controller with Python language and TensorFlow. The system detects in real time and classifies if the vehicle is an ambulance.
- The traffic light will adapt based on the system's response which decreases the travel time for ambulances by 15%.

Designing and Manufacturing an Optimized Drone   **Fall Semester**

Computer Science Course   *02/2022 – 04/2022*

- Designed a functional drone from scratch using Fusion 360 CAD software.
- Enforced engineering lifecycle analysis to optimize the design and make it more efficient.

Object-Oriented Mall System   **Fall Semester**

Computer Science Course   *09/2019 – 12/2019*

- Developed a Java program for a mall system that keeps track of the shops located at the mall.
- Implemented an object-oriented design to develop the program that successfully supports the user and admin features.

CERTIFICATIONS

- Introduction to Internet of Things, **Cisco**   *07/2022*

- Cloud Computing Infrastructure Foundations, **Oracle**   *11/2021*

- Cyber Security Essentials, **Cisco**   *07/2021*

TECHNOLOGICAL PROFICIENCY & SKILLS

Programming Languages: Java | Python | C# | MATLAB | Assembly | SQL

Hardware: Printed Circuit Board (PCB) | Oscilloscopes | Raspberry Pi | Arduino | Function generator

Software: MATLAB | Cisco Packet Tracer | NetBeans | Visual Studio | MySQL Workbench | Fusion 360

Skills: Creativity | Problem Solving | Self Learning | Leadership | Research | Teamwork | Time Management