

ESSAM Z. ALHYARI

IT Manager | Drone Specialist/Operator



Security Systems Department
Ministry Of Interior, Doha, Qatar



+ 974 70 440 779



ealhyari@icloud.com



www.essamzh.com

PROFILE

With over 13 years of experience in IT, ELV Systems, Security Systems, and UAV Systems, I have a proven track record of delivering successful projects across the Middle East. My expertise spans various sectors, and I am highly skilled in managing a wide range of project types, from conception to completion.

Throughout my career, I have demonstrated a deep understanding of the technical and operational aspects of IT, as well as ELV and Security Systems. I have a keen eye for detail and am committed to ensuring that projects are completed on time and to the highest possible standard of quality.

As an experienced IT Manager | Drone Specialist, I have successfully managed cross-functional teams and am highly effective in leading, hiring, and training highly effective work teams. I possess outstanding motivational abilities, which facilitate the attainment of strategic goals. Additionally, I have excellent communication, analytical, and problem-solving skills, as well as the ability to effectively manage organizational confidentiality.

KEY HIGHLIGHTS

- Ability to recognize opportunities for positive outcomes in projects and programs, and have strong inter-personal skills that allow me to effectively work with others to achieve success. I am confident in my ability to analyze situations, identify problems, and develop effective solutions.
- Extensive knowledge and experience in information technology areas and am able to provide comprehensive solutions to meet the needs required.
- Proficient in using MS Office tools and other software programs to ensure timely delivery of project reports. These tools enable me to effectively manage and track the progress of my projects, and to communicate updates and results to the higher management and team members.
- Skilled at creating and implementing strategies, standards, policies, and procedures, and have a strong understanding of how to effectively protect corporation/institution assets and operations.
- I am responsible for monitoring and ensuring a sound, ethical environment and compliance with regulations within my organization. I am committed to upholding high standards of integrity and ethical conduct, and am skilled at ensuring that my organization operates in a manner that is compliant with all relevant regulations.
- I am responsible for communicating security status, updates, and any actual or potential problems using established protocols. And that's by keeping my team and higher management informed of the current security situation and any issues that may arise, and am able to effectively communicate updates and report problems using established channels.
- I have recommended upgrades and enhancements to top management, highlighting the key benefits of new technology-based investments for the business.
- Responsible for creating and delivering training programs for drone pilots and operations.

EDUCATION

Introduction to Data Science with Python

Harvard University – edX - CS109x
Certificate ID (status: ongoing)

Certification in CS50

Harvard University – edX - CS50x
Certificate ID cb4d872491ef448793280eb85631396b

Bachelor of Computer Science

Al-Ahliyya Amman University – Jordan
2006 - 2010

TRAINING

- Basic Drone Pilot Training
- Advanced Drone Pilot Training
- DJI - Drones Training
- Autel - VTOL Drone Operation Training

- Bosch Video - Systems Training
- IndigoVision - Systems Training
- Dell EMC ISM (Information Storage and Management)
- Axis - IPCCTV Designing
- Hikvision - ANPR Training

- IBM - Introduction to Data Science
- IBM - Python for Data Science
- Microsoft Fundamentals

PERSONAL DETAILS

Full name :

Essam Zaid Alhyari

Date of birth:

Jan, 1988

Current residence:

Al Attiyah Complex, Umm Salal
Doha, Qatar | P.O.Box 18834

Languages:

Arabic, English both fluent

Alternative phone number:

+962 799 359 659 | Jordan

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WORK EXPERIENCE

2017 – Present

UAV Systems Section – Security Systems Department – Ministry of Interior – Doha – Qatar

As: IT Manager | Drone Specialist and Operator



>> Responsibilities

- Providing recommendations to senior management regarding the benefits of investing in new technology-based upgrades and enhancements for the organization, and explaining how such investments can contribute to the success of the business.
- Assessing the IT requirements of the organization and identifying opportunities to enhance productivity, security, and efficiency by improving the existing products and systems.
- Managing and overseeing the scheduling and execution of IT projects, including but not limited to upgrades, migrations, system updates, and outages.
- Manage and develop team members by recruiting, training, coaching, and offering guidance for advancement, while also overseeing team members' performance evaluations.
- Conducting security surveys of government and public facilities using drones and UAV systems.
- Utilizing drones and UAV systems for security purposes during major state events such as National Day and the FIFA World Cup 2022, among many others.
- Providing training sessions to teams and security personnel of other state departments on the operation and maneuvering of drones and UAV systems in diverse weather conditions and terrains.
- Conducting custom release approval procedures for drones and other UAV-related systems.
- Performing comprehensive research and analysis to facilitate the procurement of drones, related systems, and required equipment's within the country.
- Conducting research to identify the most suitable UAV technologies for meeting the state's requirements, and presenting findings to senior management for consideration.



2014 – 2017

License Section – Security Systems Department – Ministry of Interior – Doha – Qatar

As: Project Manager



>> Responsibilities

- Responsible for compliance of proposed design, products, and project plans submitted by contractors with the MOI security standards.
- Coordinate with cross-functional departments and other ministries (Power, Roads, Urban-Planning, Health etc.).
- Extract relevant information to support development of a firm security program.
- Identify, assess, track and mitigate issues and risks, follow action plans.
- Ensure the connectivity of all the surveillance devices are connected to centrally monitored national command center.
- Drive technical and commercial evaluation of the RFQs and provide inputs to the higher management for decision making in finalizing the bids.
- Lead the development of security strategy, standards, and architectural patterns to protect critical security projects data in cloud environments.
- Proposing new security strategies to will improve programs performance and experience.
- Identify opportunities and solutions for cost/benefit realization in security projects.
- Recommending the office of ministry for the incessant improvement plans of the current processes and maintaining the confidentiality of all the information at the same time.
- As a part of my responsibilities, I am tasked with reviewing and approving requests for the establishment and renewal of security companies and security engineers in accordance with state laws and regulations. I also approve new security equipment to be used in future projects.

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WORK EXPERIENCE

2011 – 2014

Electrical Energy Efficiency (3e Dubai – Circutor/Spain) – Dubai - UAE

As: Technical Support / Sales Coordination



Electrical
Energy
Efficiency

>> Responsibilities

- Review tender documents thoroughly and create compliance and deviation sheets to ensure alignment with project requirements.
- Performing precise and timely cost analyses to generate quotations for switchgear equipment, ensuring accurate and competitive pricing for customers.
- Provide technical support to existing Middle East customers through online channels.
- Provide daily reports to the Managing Director on work progress and raise any concerns or issues that may arise.
- Engage in technical meetings with clients and their representatives to discuss and resolve any on-site issues that arise.
- Responsible for providing Windows troubleshooting and problem-solving support to colleagues, addressing issues promptly and effectively.
- Conduct on-site visits to diagnose and resolve issues related to equipment malfunction.

2011 – 2014

Proactive-Systems (Galaxy Systems/USA) sister company to 3e – Dubai - UAE

As: Technical Support

>> Responsibilities

- Responsible for installing, maintaining, repairing all electrical, and electronic security equipment's in accordance with diagrams, sketches, schematics, operation manuals and manufacturer's specifications.
- Conduct site visits to identify and troubleshoot issues related to equipment malfunction.
- Good Knowledge in Fire Alarm System. Cirprotec / Spain.
- Great Knowledge in CCTV systems. Components from OpenEye / USA.
- Great Knowledge in Access Control Systems. Components from Galaxy Control Systems / USA.
- Study tender documents, Prepare compliance and deviation sheets.
- Making accurate, rapid cost calculations, and providing customers with quotations.
- Prepare Contracts for big projects (CCTV and Access Control).
- Give online support to existing customers in Middle East.
- Provide support in installation and setup of CCTV Systems, Access Control Systems and Fire Protection Systems.
- Install new software's for CCTV and Access Control Systems and integrate them with each other.
- Performing installations of new software for CCTV and Access Control Systems and configuring their integration.
- Offer guidance and training to maintenance technicians on how to perform preventative maintenance on equipment.
- Available for on-call emergencies and scheduled repairs.

2009 – 2009

Injaz / Non-Profit Organization – Amman – Jordan

As: Volunteering Position



2008 – 2008

Northern Outdoors Resort – Maine – USA

As: Host and Cook | as part of IICE – Institute of International Cultural Exchange program – Amman – Jordan



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Few Projects/Entities but not limited to



اللجنة العليا
للمشاريع والتراث
Supreme Committee
for Delivery & Legacy



THE FUTURE OF POSSIBLE



فنادق سوق واقف
SOUQ WAQIF BOUTIQUE HOTELS

INDEX

مطارات دبي
DUBAI AIRPORTS



JUBA
IRPC
FREE
Dubai
Airport
Freezone
المنطقة الحرة بمطار دبي



نخيل هول
NAKHEEL MALL



- QNB Bank (50+ Branches)
- CBQ Bank (20+ Branches)
- Doha Bank (20+ Branches)
- Hamad General Hospital
- Mirqab Mall
- Ezdan Mall
- Qatar Mall
- Viva Bahriya (10+ Towers)
- Ezdan Oasis (5+ Compounds)
- Al Udied Air Base, Qatar
- Souq Waqif

❖ References available upon request