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Principal Smart City & ICT Engineer

Holds B. Sc. in Communication & Electronics Engineering and Master of Engineering in Smart City Solutions. Has over 14 years experience working as Smart City Specialist, Researcher and Principal ELV/ICT Design Engineer. He is a passionate Public Speaker about smart cities.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/05/1983
Gender : Male
Residence : Currently Doha, Qatar

EDUCATION

- : B. Sc. in Communication & Electronics Engineering, MSA University, Cairo, 2008
- : B. Sc. in Communication & Electronics Engineering, University of Greenwich, London, 2008 (followed a 5-years approved honors program in parallel with my B. Sc. degree study in MSA University)
- : Master of Engineering in Smart City Solutions, HFT Stuttgart University, Germany, 2023

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : DGNB Registered Professional (DGNB - Germany).
- : RCDD (BICSI - USA).
- : DCDC (BICSI - USA).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2023 till now
Employer : Engineering Consultants Group - Doha, Qatar
Job title : Principal Smart City & ICT Engineer

Job Description :

- Managing the ICT/ELV department in order to generate project designs in line with the latest codes, standards and technological trends.
- Leading the design process of the smart city projects.

Dates : From Mar. 2023 till Jul. 2023

Employer : Freelance - Worldwide

Job title : Smart City Specialist

Job Description :

- Providing the smart city strategy for both greenfield and brownfield smart city projects.
- Ensuring the implementation of the smart city strategy throughout the design process.
- Providing all the related presentations.

Dates : From Oct. 2022 till Feb. 2023

Employer : Austrian Institute of Technology - Vienna, Austria

Job title : Smart City Researcher

Job Description : Worked in a research topic related to the smart city projects under the European Union.

Dates : From Jan. 2021 till Jun. 2021

Employer : Engineering Consultants Group (ECG) - Doha, Qatar

Job title : Principal ELV/ICT Design Engineer

Job Description : Managing the design process of the ELV/ICT systems, Security Systems & Telecom Infrastructure in addition to making all the required clients / stakeholders' presentations / workshops.

Dates : From Sep. 2015 till Dec. 2020

Employer : Engineering Consultants Group (ECG) - Doha, Qatar

Job title : Senior ELV/ICT Design Engineer

Job Description : Team Leader for the design responsibilities of ELV/ICT Systems, Security Systems & Telecom Infrastructure.

Dates : From Aug. 2013 till Aug. 2015

Employer : Engineering Consultants Group (ECG) - Doha, Qatar

Job title : Junior ELV/ICT Design Engineer

Job Description : Perform design tasks for the ELV/ICT & Security Systems under the supervision of a team leader.

Dates : From Mar. 2009 till May 2013

Employer : Saudi Bin Laden Group (O&M) - Mecca, KSA

Job title : ELV Engineer

Job Description : Team Leader of the Operation & Maintenance tasks for the sound & CCTV Systems at Mecca Holy Mosque.

Projects:

- FIFA 2022 Stadiums Overlay Project: Designing all the overlay areas,

telecom infrastructure and security systems related to the overlay areas for the 8 World Cup stadiums based on FIFA guidelines and regulations.

- FIFA 2022 Training Pitches Project: Designing all the ELV systems, telecom infrastructure and security systems for all the training pitches of FIFA 2022 World Cup following FIFA guidelines and regulations.
- Qatar New Naval Force Base: Designing the ELV systems, telecom infrastructure and security systems for Qatar new naval base which includes 120 buildings of different applications in addition to Tier3 data center.
- Internal Security Force (ISF) Training Village: Designing the ELV systems, telecom infrastructure and security systems for ISF training village.
- ISF Headquarter (Duhail Camp): Designing the ELV systems, telecom infrastructure, security systems, command & control center and data center for ISF Headquarter.
- ISF Correctional Facility & Soldiers Accommodation (Duhail Camp): Designing the ELV systems, telecom infrastructure, security systems and security strategy for ISF correctional facility & soldiers' accommodation.
- ISF Officers Club & Shooting Range (Duhail Camp): Designing the ELV systems, telecom infrastructure, security systems and security strategy for ISF officers' club & shooting range.
- Qatar Economic Zone 3 Infrastructure: Designing the telecom infrastructure and security systems for Qatar economic zone 3.
- Manateq Headquarter - Qatar Economic Zone 1: Designing the ELV systems and security systems for manateq headquarter at QEZ1.
- Novotel Hotel - Al Dafna Area: Designing the ELV systems and security systems for Novotel hotel taking into consideration Accor regulations.
- Sofitel Hotel - Al Dafna Area: Designing the ELV systems and security systems for Sofitel hotel taking into consideration Accor regulations.
- Manateq External CCTV & Control Buildings_Al Wakra & Jery Al Sumur: Designing the ELV systems, telecom infrastructure and security systems Manateq area for Al Wakra & Jey Al Sumur.
- 2 Blocks Design - New Qatar Airbase: Designing the ELV systems, telecom infrastructure and security systems Manateq area for 2 blocks of the new Qatar airbase.
- Animals Quarantine Hamad & Ruwais Ports Areas: Designing the ELV systems, telecom infrastructure and security systems Manateq area for the animal quarantine Hamad & Ruwais ports' areas.
- Remote Baggage Transfer Facility - Hamad Port: Designing the ELV & security systems for the remote baggage facility at Hamad port.
- Parks for Corniche Beautification Project: Designing the ELV systems, telecom infrastructure and security systems Manateq area for the corniche parks at Qatar.
- Doha Metro Developments Areas - Um Ghweilina & Al Mansoura Sites: Designing the ELV systems, telecom infrastructure and security systems Manateq area for the mini-cities at Um Ghweilina & Al Mansoura areas.
- Utilities diversion of Doha metro stations' areas: Designing all the telecom, security and ITS utilities diversions at all metro stations' areas.
- Providing the smart city reports to the following proposals: New Smart City Nizwa – Oman / New Smart City Salalah – Oman / New Smart City Sohar – Oman.

Public Speaker:

- Cairo Consultants Forum (2023 / Egypt).
- Al-Futtaim Developer (2023 / Egypt).
- American University in Cairo (2023 / Egypt).
- Ain Shams University (2023 / Egypt).
- Khatib & Alami (2023 / Egypt).
- Misr International University (2023 / Egypt).
- Austrian Institute of Technology (2023 / Austria).
- Municipality of Ulm (2022 / Germany).
- BICSI Fall Conference (2022 / USA).
- Texas A&M University (2022 / Qatar).
- American University in Cairo (2022 / Egypt).
- Modern Sciences & Arts University (2022 / Egypt).
- Cairo Consultants Forum (2022 / Egypt).
- Chartered Institute of Building (2021 / Online).
- Cairo Consultants Forum (2021 / Egypt).
- Qatar University (2019 / Qatar).
- Qatar National Library (2019 / Qatar).
- Sultan Qaboos University (2019 / Oman).
- American University in Cairo (2019 / Egypt).
- Institute of Electronics Engineers of the Philippines (2019 / Qatar).
- Qatar National Library (2018 / Qatar).