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# LAITH AL ABWEH

ICT/ELV Engineer

## SUMMARY

Enthusiastic and motivated communications engineering graduate, currently working as an ICT/ELV Engineer at Dar Al-Handasah. Committed to continuous learning and career development, with a focus on gaining versatile skills and staying up to date with advancements in technology. Strong believer in teamwork, clear communication, and consistently delivering high-quality, professional work.

## EDUCATION

### Bachelor of Science in Communications Engineering

Princess Sumaya University for Technology - Amman, Jordan

September 2019 - July 2024

## WORK EXPERIENCE

### ICT/ELV Engineer - Building & Infrastructure Services

Dar Al-Handasah (Shair & Partners) - Amman, Jordan

November 2024 - Present

- Design a wide range of ICT and ELV systems for buildings and infrastructure projects, including fire alarm systems, structured cabling, data networks, security systems, audiovisual systems, parking management, and other related technologies.
- Prepare design drawings, BOQs, and technical documents using Revit and AutoCAD; perform design calculations and simulations to ensure compliance and integration.
- Coordinate with project teams to ensure compliance with industry standards and effective system integration.
- Attend client meetings to gather feedback, address design concerns, and implement necessary modifications.
- Participate in vendor meetings to stay current on emerging technologies, evaluate solutions, and coordinate with new vendors when required.

### Implementation Engineer

SEDCO - Amman, Jordan

July 2024 - October 2024

- Provided timely and effective technical support for the successful implementation and smooth operation of SEDCO products across diverse client environments in Bahrain, Qatar, Tunisia, and Jordan, including on-site visits to ensure optimal system performance and client satisfaction.
- Communicated directly with clients to understand their needs, diagnose issues, and deliver effective solutions.
- Coordinated with QA and Development teams to resolve product bugs and improve system stability through cross-functional collaboration.

### Radio Access Network (RAN) Optimization Intern

ZAIN - Amman, Jordan

February 2024 - May 2024

During my internship at Zain, I received theoretical training focused on 4G RAN optimization, including network structures, handover techniques, and frequency bands across 2G-5G. I also improved my communication, teamwork, and problem-solving skills through active participation in discussions and real-time scenario analysis.

## Graduation project

PSUT- Amman, Jordan  
Sept 2023 - May 2024

### Design of an IoT-based Vehicle Accident Severity Detection System with Artificial Intelligence.

- Designed an IoT-based system using sensors and machine learning to detect and classify vehicle accident severity in real time.
- Integrated real-time data transmission and visualization tools to support accurate and timely emergency alerts.
- Developed and tested a working prototype that demonstrated effectiveness in real-world scenarios.
- Contributed to faster emergency response by delivering detailed, real-time accident data.

Published in IEEE:

<https://ieeexplore.ieee.org/document/10910997>

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## CERTIFICATES

### AWS Cloud Foundations (In progress)

AWS Academy

### Data Analysis

Consultation and Training Center PSUT

### Wireless Communications

My-Communications

### CCNA (Cisco Certified Network Associate)

Cisco Networking Academy

### Electrical wiring and low current systems

Engineering Geniuses

### Python Basics

IEEE Computer Society PSUT

### Basics of Space Science and Technology (BSST)

The Regional center for Space science and Technology Education

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## TECHNICAL SKILLS

- Microsoft Office
- Microsoft Power BI
- Autodesk Revit
- AutoCAD
- Familiarity with Linux
- Familiarity with COBIT and ISO 27001 from academic studies
- Basic knowledge in Regular Expression
- Basic Python

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## SKILLS

- Strong organizational and time-management skills
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously
- Problem solving and decision making
- Research skills

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## LANGUAGES

- English (Fluent)
- Arabic (Mother Tongue)
- French (Beginner) (Delf A1)