

ENG. OBADA QAWASMI

PERSONAL INFORMATION

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SOCIAL MEDIA

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GitHub: github.com/obadaq

PERSONAL STATEMENT

Highly skilled engineer with a strong background in Electrical Engineering and Data Science. Experienced in managing engineering labs, directing departmental operations, and coordinating administrative projects. Seeking opportunities to leverage technical expertise and leadership skills in a dynamic professional environment.

EDUCATION

MS	Palestine Polytechnic University (PPU), Intelligent Systems - Data Science Branch Thesis: - Advisor: -	expected Jun 2025
BS	Palestine Polytechnic University (PPU), Electrical Engineering Minored in Industrial Automation Engineering	Dec 2017

PROFESSIONAL EXPERIENCE

Industrial Automation Labs Supervisor, Palestine Polytechnic University (PPU) **Feb 2018 - present**

Responsibilities:

- Directed operations of the Electrical Drives, Industrial Control, and SCADA labs.
- Spearheaded continuous improvement initiatives for lab equipment and instructional manuals.
- Delivered instruction for practical courses (refer to the Teaching Experience section for further details).

Engineering Department Director, Alnaseem for Trade and Investment

Jun 2018 – Sep 2019

Responsibilities:

- Oversaw all production, maintenance, and sales operations related to the manufacturing of rolling shutters.
- Led research and development efforts for new product, with a focus on electronic control boards, electrical door motors and door accessories.
- Managed client relationships and project coordination for large-scale, high-profile projects.

Assistant Engineer, Al Junaidi Electric

Sep 2008 to Jun 2018

Responsibilities:

- Contributed to the Automatic Voltage Regulators (AVRs) department in manufacturing, maintenance, and sales capacities.
- Served in the Renewable Energy (RE) department, specializing in sales of photovoltaic (PV) systems and PV inverters.

LEADERSHIP ROLES

ISC Activities Coordinator, Industrial Synergy Center (ISC)

Sep 2022 - present

Responsibilities:

- Coordinate and manage various activities and events at the Industrial Synergy Center.
- Liaised with different departments to ensure smooth operation of the center.
- Developed and implemented strategies to enhance the center's performance and reach.
- Led need assessment studies for industrial institutions
- Technical consultation in the field of expertise

3EEE Flip Learning Project Administrative Coordinator
(Funded by Erasmus)

Jan 2023 – present

Responsibilities:

- Oversaw the administrative aspects of the 3EEE Flip Learning Project.
- Coordinated with project members and Erasmus representatives to ensure project goals were met.
- Managed project resources, timelines, and deliverables.

**Private Sector Engagement Officer in ForsahTVET Project
(Funded by USAID)**

Jan 2023 - present

Responsibilities:

- Acted as the primary liaison between the ForsahTVET project and private sector entities.
- Developed and implemented strategies to engage the private sector in the project.
- Coordinated with USAID representatives to ensure compliance with funding requirements.

TEACHING EXPERIENCE

Practical Courses

Engineering Students

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- Classic Control Design
 - PLC I
 - Advanced PLC
 - SCADA and Industrial Networks
 - Hydraulic and Pneumatic Systems
 - DC Electrical Drives
 - AC Electrical Drives
 - Motion Control Systems and Servo Drives
 - Electrical Circuits and Electronics
 - Electrical Installation and Protection Systems
 - Industrial Automation Simulation and Applications

Practical Courses and Training Courses

**TVET Students and
Industrial Sector
Training Modules**

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- Control Panels Design
 - PLC (Basic, Mid, Advanced)
 - Motion Control Systems (Servos and VFDs)
 - Hydraulic and Pneumatic Systems
 - AC Drives and Closed loop control

LANGUAGES

Arabic: Native Language

English: Advanced Reading, Writing and Speaking

COMPUTER SKILLS

Programming Languages	PLC Programming Languages	PLC Programming Platforms
<ul style="list-style-type: none">• C• C++• C#• Python• R• MATLAB• LABVIEW	<ul style="list-style-type: none">• LD• FBD• ST• SFC	<ul style="list-style-type: none">• CodeSys• Siemens Step7• Siemens TIA Portal• Schneider Control Expert• Schneider Twido Suite• Schneider SoMachine• Delta ISPsoft• Delta WPLsoft
HMI Designing Software:	SCADA Software:	Engineering Simulation Platform
<ul style="list-style-type: none">• Vijeo Designer• DOPsoft	<ul style="list-style-type: none">• Schneider Vijeo Citect• Ignition SCADA• Delta DIAView	<ul style="list-style-type: none">• Factory IO• Automation Studio• Festo FluidSim• SIMULINK
CAD Software	Project Management Software	
<ul style="list-style-type: none">• 2D CAD: AutoCAD, EPLAN pro panel• 3D CAD: SolidWorks, CATIA• PCB CAD: NI Multisim and Ultiboard, Fusion360/Eagle, Proutous	<ul style="list-style-type: none">• MS Project• Primavera	

HIGH LEVEL SKILLS

Project Management:

Proficient in initiating, planning, executing, monitoring, and closing projects effectively. Skilled in defining project scope, setting timelines, managing resources, and mitigating risks.

Data Analysis and Interpretation:

Experienced in collecting, analyzing, and interpreting data to extract valuable insights. Proficient in statistical analysis, data visualization, and machine learning techniques.

Problem-Solving:

Demonstrated ability to identify complex problems, devise innovative solutions, and implement effective strategies. Skilled in employing problem-solving methodologies and frameworks.

Leadership and Team Management:

Effective in leading teams, delegating tasks, motivating members, and fostering collaboration to achieve common goals. Proven track record of successfully leading team projects and initiatives.

Communication and Presentation:

Strong communication skills, both verbal and written, with the ability to convey technical concepts to diverse audiences. Experienced in delivering presentations and writing technical reports.

Adaptability and Learning Agility:

Quick to adapt to new environments, technologies, and methodologies. Demonstrated ability to learn new skills and adapt to changes in the industry rapidly.

Strategic Planning and Decision-Making:

Skilled in developing long-term strategies, making informed decisions, and aligning organizational objectives with tactical initiatives. Experienced in strategic planning and decision-making roles.

Regulatory Compliance and Standards Adherence:

Knowledgeable about industry regulations, standards, and compliance requirements. Experienced in ensuring regulatory adherence and maintaining certifications.

REFERENCES

Available upon request