



## MIRA'A BASIL AL ABBADI

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### CAREER OBJECTIVE

An Electrical Power Engineering BSC Holder, Looking to obtain an electrical engineer opportunity at your respected organization, Having 3.66 GPA at Al Hussein Technical University, qualified me with a solid understanding of international protocols and standards, as well as prompt practicing of telecommunication, power, and electrical engineering competences and assessments. The Electrical engineering is a fast and dynamic growing field, therefore I am confident that I can be a vigilant, interactive and hard worker employee of yours, and merge with the vision and mission statements of your institution.

### EDUCATION

- **2018-2022, ELECTRICAL ENGINEERING (BSC),**

AL HUSSEIN TECHNICAL UNIVERSITY (HTU), Amman-Jordan

3.66 GPA

- **2015-2018, ELECTRICAL POWER ENGINEERING (DIP),**

CALEDONIAN COLLEGE OF ENGINEERING (CCE), Muscat-Oman

3.78 GPA

- **HIGH SCHOOL, TAWJIHI, SHATTI AL-QURM SCHOOL, MUSCAT-OMAN, 2015,**

87.8 GPA

### COURSES

- Electrical Machines  
(17<sup>th</sup> March 2017-30<sup>th</sup> January 2018, Caledonian College of Engineering, Muscat, Oman)
- Entrepreneurship, Creativity and Innovation  
(17<sup>th</sup> March 2018-30<sup>th</sup> June 2018, Caledonian College of Engineering, Muscat, Oman)
- Energy and Environmental Science  
(17<sup>th</sup> October 2016-30<sup>th</sup> January 2017, Caledonian College of Engineering, Muscat, Oman)
- Computer Programming  
(17<sup>th</sup> October 2016-30<sup>th</sup> January 2017, Caledonian College of Engineering, Muscat, Oman)
- Utilization of Electrical Power  
(17<sup>th</sup> October 2017-30<sup>th</sup> January 2018, Caledonian College of Engineering, Muscat, Oman)
- Electronic Engineering  
(17<sup>th</sup> March 2018-30<sup>th</sup> June 2018, Caledonian College of Engineering, Muscat, Oman)

- Instrumentation and Control System  
(17<sup>th</sup> October 2018-30<sup>th</sup> January 2019, AL Hussein Technical University, Amman, Jordan)
- Industrial Power, Electronics and Storage  
(7<sup>th</sup> March 2019-30<sup>th</sup> June 2019, AL Hussein Technical University, Amman, Jordan)
- Mechatronics  
(7<sup>th</sup> March 2019-30<sup>th</sup> June 2019, AL Hussein Technical University, Amman, Jordan)
- Industrial Systems  
(17<sup>th</sup> October 2019-30<sup>th</sup> January 2020, AL Hussein Technical University, Amman, Jordan)
- Photovoltaic Systems  
(7<sup>th</sup> March 2019-30<sup>th</sup> June 2019, AL Hussein Technical University, Amman, Jordan)
- Signals and Systems  
(7<sup>th</sup> March 2019-30<sup>th</sup> June 2019, AL Hussein Technical University, Amman, Jordan)
- Analog Electronic Systems  
(7<sup>th</sup> March 2019-30<sup>th</sup> June 2019, AL Hussein Technical University, Amman, Jordan)
- Communication Systems 1  
(17<sup>th</sup> October 2020-30<sup>th</sup> January 2021, AL Hussein Technical University, Amman, Jordan)
- Research Project for Electrical Engineer  
(17<sup>th</sup> October 2020-30<sup>th</sup> January 2021, AL Hussein Technical University, Amman, Jordan)
- Power Systems  
(17<sup>th</sup> October 2020-30<sup>th</sup> January 2021, AL Hussein Technical University, Amman, Jordan)
- Introduction to Electromagnetics  
(17<sup>th</sup> October 2021-30<sup>th</sup> January 2022, AL Hussein Technical University, Amman, Jordan)
- Power System Quality, Reliability, and Protection  
(17<sup>th</sup> October 2021-30<sup>th</sup> January 2022, AL Hussein Technical University, Amman, Jordan)
- Special Topic in Power Systems  
(17<sup>th</sup> October 2021-30<sup>th</sup> January 2022, AL Hussein Technical University, Amman, Jordan)

## **WORKSHOP, CONFERENCE, CERTIFICATES AND LICENSES**

- An Innovation and Entrepreneurship Workshop
- An Advanced Electrical Workshop
- An Industry Orientation Program
- NEBOSH Award in Health and Safety at Work

## **SKILLS**

### **TECHNICAL SKILLS**

- Digilent Program
- MATLAB and Simulink Program
- AutoCAD
- Solid Work Program
- PV Syst Program
- Sketch Up Program

### **TRANSFERABLE & SOFT SKILLS**

- Self-motivated
- Well organized and time management
- Very good communicator
- Ability to persevere

### **IT & OTHER SKILLS**

- Excellent on Coding using Python, C++, and Java Script

## **TRAINING**

- Starting 1<sup>st</sup> March 2021, ending date 1<sup>st</sup> November 2021
- Jordan Electric Power Company, Renewable Energy Department, Amman, Jordan
- Electric Engineer Job responsibilities, gaining skills; being able to study different power scales of renewable power energy systems, designing solar systems theoretically, calculating the sizing required for used cables according to the size of the system.

## **PROJECT**

- Research Project, starting 17<sup>th</sup> October 2020, ending date 30<sup>th</sup> February 2021  
AL Hussein Technical University, Electrical Engineering Department, Amman, Jordan  
Role of the Insulated Gate Bipolar Transistors in Enhancing the Efficiency of Flexible AC Transmission Systems, aimed to enhance the operation of IGBT in the design of FACTS and manufacturing.
- Starting 17<sup>th</sup> October 2021, ending date 30<sup>th</sup> February 2022  
AL Hussein Technical University, Electrical Engineering Department, Amman, Jordan  
Most Profitable Electric Vehicle Route in Smart Grids, aimed to achieve a supporting power for the grid especially during the peak load demand and saving the user's time and user's money by having the most profitable route towards the available station during their trip.

## **ACHIEVEMENTS AND AWARDS**

- Meritorious Awards for the academic year 2016-2017 and 2017-2018, Caledonian College of Engineering, Electrical Department

## **INTERESTS AND HOBBIES**

- Self updates with books, scientific Magazines and Journals
- Appreciates volunteer work
- Electric Machineries and power systems are my main Interests

## **PERSONAL DETAILS**

Nationality: Jordanian

Date of Birth: 9<sup>th</sup> of March 1998

Marital status: Single

Place of resident: Amman, Jordan