



Ali Mustafa Al-Mahfoudh

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Objective

Seeking a position as an electrical engineer in industrial field to enhance my experience and show an excellent performance with the assigned duties.

Work experience

Alasala Colleges

October 2018 — Present

- Teaching Assistant and Lab Instructor in Electrical Engineering Department.

Assignments and Duties:

- Conducting and monitoring practical sessions of Electrical Engineering courses:
 - DC & AC Electrical Circuits.
 - Digital Logic Design.
 - Electronics.
 - Electrical Engineering Design.
 - Electrical Machines.
 - Engineering Control.
 - Engineering Communication.
 - Electrical Power System.
 - Electromagnetics.
 - Advance Digital System.
- Prepare and revise lab specifications to fit with courses practical experiment.
- Prepare lab manuals in a professional way to accomplish course learning outcomes.
- Employ technology beside the traditional way of operating labs to get more accurate results.
- Provide high quality training to prepare qualified and skillful engineers.
- Evaluating students in their continuous assessments and senior design projects
- Assisting faculty members with scheduling, classroom activities and other miscellaneous projects.
- Report technical problems in labs to the lab technicians and IT staff.
- Prepare the preventive maintenance schedule for lab equipment.
- Supervise the maintenance work for labs equipment.
- Participating with department members to meet the standards of NCCCA.
- Participating in Electrical Engineering program development committee.

- Coop Training Coordinator in Electrical Engineering Department:

Assignments and Duties:

- Provide consultations to students in all training aspects.
- Regular follow up to ensure student progress with their employer.
- Arranging site visits to meet with coop trainers and their mentors.
- Review training plans to ensure meeting all engineering training requirements.
- Coordinate with faculty members to hold discussion sessions with trainers at the end of training period.
- Contribute with faculty members in training evaluation.

The University of Toledo

May 2017 — August 2017

- Research Assistance in Electrical Engineering Department.

Assignments and Duties:

Working with graduate students and professors as a coop trainee in the field of electrical power and power electronics researches field.

Saudi Electricity Company

- Network Operation Engineer

May 2016 — August 2016

Coop trainee in Jubail Asset maintenance department as an electrical engineer with Energy Transmission division in corporate with The University of Toledo, United States

Assignments and Duties:

Isolating of electrical equipment's, providing work permits, planning and scheduling outages for preventive maintenance, maintenance of protection equipment, testing of device failure, Maintenance and installation of overhead lines and underground lines, providing power services, managing SCADA system, managing communication system, providing engineering consultant, designing electrical systems diagrams for substations.

- Network Operator

June 2013 — September 2013

Coop trainee in Jubail Asset maintenance department as an operator with Energy Transmission division in corporate with Jubail Industrial College, Saudi Arabia.

Assignments and Duties:

Isolating and restoration of electrical equipment's, providing work permits, planning and scheduling outages for preventive maintenance, maintenance of protection equipment, testing of device failure, Maintenance and installation of overhead lines and underground lines, providing power services, managing SCADA system, managing communication system.

Education

➤ BS in Electrical Engineering

January 2014 — May 2018

- The University of Toledo
- Obtained the Bachelor of Science degree with GPA 3.06 out of 4.00

➤ Associate Degree in Electrical Power Engineering Technology

February 2011 — September 2013

- Jubail Industrial College
- Obtained the Associate degree with GPA 3.07 out of 4.00

Professional Skills:

Designing skills:

- ✓ Accurate in collecting design requirements and fulfilling all constrains and conditions and translate the desired requirement into meaningful complete design with touch of creativity.
- ✓ Good knowledge in designing using professional engineering software such as AutoCAD, Pspice , Multisim, MATLAB and PLC Siemens with the ability to communicate clearly and share ideas with team members.

Project Management skills:

- ✓ Professional in carrying out projects making sure all deadlines and aspects are taken care of with meaningful results and quality execution.
- ✓ Executed some projects during my current career and received positive feedback from the top management as well as students. In all projects I ensured to meet the requirements while listening to different opinions from the team and management.
- ✓ All projects were documented utilizing Microsoft Office programs such as MS Word and Excel.

Team work and Communications Skills:

- ✓ Flexible working as a team member or a team leader with high accountability and focus on getting tasks performed properly.
- ✓ Serious in time management with high efficiency in performing tasks within a limited time period without impacting the quality of the work.
- ✓ Performed many projects that are time sensitive such as developing term schedules for the engineering college while coordinating with multiple departments to avoid time and room conflicts.

Training and Certifications:

- Certified workshop on **Course Specification** presented by the Deanship of Quality and Academic Accreditation in Imam Abdurrahman Bin Faisal University, Dammam 4/10/2018 at Al Alasala college.
- Certified workshop on **Program Specification** presented by the Deanship of Quality and Academic Accreditation in Imam Abdurrahman Bin Faisal University, Dammam 18/10/2018 at Al Alasala college.
- Certified workshop on **Annual Program Report** presented by the Deanship of Quality and Academic Accreditation in Imam Abdurrahman Bin Faisal University, Dammam 24/03/2019 at Al Alasala colleges.

References:

- **Mr.Jaffar Althawab** , Division Manager of overhead lines maintenance in **Saudi Electricity company** , Jubail Industrial city.
 - ❖ Mobile: 0503814131
- **Dr.Mohammed Gronfula**, Acting Dean of College of Engineering in **Alasala Colleges** , Dammam.
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