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Mojtaba Al-Shams

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KSA, Eastern Province

Saudi Citizen

OBJECTIVE

To live a daily basis challenges with an enthusiastic team who's eager to impact the country and peoples' lives.

EDUCATION

BS in Electrical Engineering

Sep 2013 - May 2018

King Fahd University of Petroleum & Minerals, Dhahran, KSA

- GPA: 3.41 (Second Honor)

Oxford English Horizons

Jul 2012 – Aug 2012

Balliol College, Oxford, UK

Sent, by Mawhiba Program for Gifted Students, to Balliol College.

EXPERIENCE

Electrical Engineer

Oct 2018 – Present

Faisal Electro-Mechanical Company Ltd,

Jubail Industrial City, KSA

Procurement and Construction of JUC District Cooling Plant (20000 Tons of Refrigeration):

- Technical documents preparation, supervising site work and insuring client satisfaction.
- One of on-the-job achievements: with lack of appropriate documentation, built instruments hook up drawings from scratch with professional level.

SELF-DEVELOPING

Control & Process Automation

Oct 2018 – Present

- Designed a complete automation system and programmed its PLC for an Industrial Mixer with simulation and real time HMI control.

Embedded Systems

Sep 2014 – Present

- Using Arduino, a pocket refrigerator prototype was constructed with features such as self-shutdown to ensure user's safety.

ACHIEVEMENTS

- Published a paper in IEEE Xplore Digital Library
- Won KFUPM forum with 4th place by the co-authored research
- Won KFUPM Expo with 5th place by the capstone design.

PROFESSIONAL SKILLS

- **Fast Learning & Time Management:** Besides working 40 HRs a week, learned new topic in automation and designed a full automation system with full simulation in 2 months.
- **Teaming & Collaboration:** Completed the tasks with high quality and smooth workflow by effective teaming in addition to efforts and information sharing.
- **Programming & Coding:** *C, Java, Basics of Python and IEC 61131-3 languages standard:* Developed Ladder Diagram codes to simulate common industrial processes.