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RAED A. ALDUHAILEB

EDUCATION

- | | | |
|----------------|---------------------------|---------|
| 2008 – Present | Michigan State University | MI, USA |
|----------------|---------------------------|---------|
- Graduate Student
- Studying M.S. Degree in Electronic Materials and Devices.
 - Member of the Electronic and Biological Nanostructures Laboratory.
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| 2000– 2004 | King Fahd University of Petroleum and Minerals Dhahran, KSA | |
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- Undergraduate Student
- B.S. Degree in Electrical Engineering.
 - Cumulative GPA 3.40 on a scale of 4.0.
 - Graduated as a second honor.

WORK EXPERIENCE

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|---------------|--------------|-----------------|
| 2004– Present | Saudi Aramco | Ras Tanura, KSA |
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- Instrumentation Engineer
- Developed an engineering design to eliminate the explosion proof disconnect switches at a crude oil loading facility.
 - Controlled the level of a sweet water tank at a crude oil loading facility by installing an Ultrasonic Level Transmitter.
 - Provided engineering procedures to install 15 KV cable inside a substation at Ras Tanura Terminal.
 - Prepared new procedures for equalizing, testing, and maintaining UPS battery banks at Ras Tanura Terminal.
 - Conducted an engineering study to assess replacing the 40-year old motors at Ras Tanura Terminal.
 - Handled a conceptual design to install permanent generators to power the control room at Ras Tanura Terminal in case of total power failure.
 - Developed an engineering design to power the Radar Tank Gauging system at Ras Tanura Terminal from a UPS source.
 - Handled the design and construction activities to replace the obsolete control system at a crude oil loading facility in Ras Tanura Terminal.
 - Developed an engineering design to replace the control instruments installed on Ras Tanura Terminal oily water sump pits.
 - Automated the positive displacement meters installed at Ras Tanura Terminal port.
 - Reviewed engineering standards and procedures related to crude oil loading control.

RESEARCH AND PUBLICATIONS

[PLEASE ADD RESEARCH AND PUBLICATIONS]

PROFESSIONAL ORGANIZATIONS

2008 – Present Institute of Electrical and Electronic Engineers (IEEE)
Member

2009 – Present American Physical Society (APS)
Member

REFERENCES

Prof. Virginia M. Ayres

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Prof. Donnie Reinhard

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