

# AMMAR ALAWAMI

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East Province, Saudi Arabia

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## Objective:

Seeking a challenging environment where education and hard skills earned by training and experience can be communicated.

## Education

Western Michigan University - Kalamazoo, MI, USA

Graduated December 2019

- Bachelor of Science in Chemical Engineering
- Energy Management Emphasis
- Minor in Mathematics and Chemistry
- SACM Full-Ride Scholarship
- GPA: 3.10

## Employment and Experience

Kalsec – Kalamazoo, MI

1/2019 – 4/2019

### Senior Design Project – Process Engineering Optimization

- Worked with a University designed team in reducing cost of processing a product.
- Designed a new filtration system to meet with the accurate specification for the product.
- Communicated with vendors for part quotes and specifications.
- Proposed a written and oral presentation of the design to the project team.

Western Michigan University – Kalamazoo, MI

1/2018 – 4/2018

### Research Assistant

- Studying and developing an existing Cell technology.
- Investigating the possibility of commercializing the new technology.

Ahle Atoufeer Trading Est – Dammam

1/2020 – 3/2021

### Full time job – Management

- Lay the foundation forms and official documents for the establishment.
- HR to hire the convenient candidates such as an electrician, plumber worker etc.
- Get in touch with the suppliers for products.
- Developed cost analysis spreadsheets to find expense reduction solutions.

## Safety Certificates and Training

- SChE/AIChE -, Understanding Hazards, Importance of Process Safety and Dust Explosion Control
- Laboratory safety, Process Safety 101 and Risks and Safety in the Chemical Process Industries.

## Skills and Software programs

- Attentive, Management Communication, Adaptability, Cost Model analysis, Organization, Computer skill for professional research.
- Microsoft office, Aspen, Mathcad, Ansys.

## Projects and Researches

- Coal to methanol and Solid-Liquid Filtration projects.
- Environmental Impacts of Wind Power, The solution to synthetic Dyes in Food and Beverages.

## References

- Associate Professor: James Springstead. Mobile: (269) 276-3513. Email: [james.springstead@wmich.edu](mailto:james.springstead@wmich.edu)
- Process Project Specialist: Ryan Winkels. Mobile: (269) 349-9711. Email: [rwinkels@kalsec.com](mailto:rwinkels@kalsec.com)