

AHMED ALGHUMGHAM

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EDUCATION

B.AS. in Electrical Engineering | King Fahd University of Petroleum and Minerals-Dhahran, Saudi Arabia (2018-2024)

- Cumulative GPA 3.552 out of 4.0
- Awarded second honor

Secondary School Graduation Certificate | Altahtheeb private school- Saihat, Saudi Arabia (2015-2018)

- Scientific track graduation score 99.53 out of 100
- Obtained a score of 91 in Qudrat and 95 in Tahsely



EXPERIENCE

Coop training in Saudi Aramco - Ras Tanura,

Terminal department-Technical Support Unit (TSU) - Electrical Engineer (Jan 2023 – Aug 2023)

- Created arc flash labels for equipments in Aramco Ras Tanura region , which will lower human error percentage.
- Updated the one line diagram in the system, to match the current condition in the field. Which made the employees job more efficient.
- Created impact of load list(contingency plan) to avoid turning off a critical load when doing routine maintenance to the power source.
- Coordinated arc flash current study project , which helped the project to reestablish after 6 months of hiatus.
- Contacted seller companies in order to receive a quotation for two spare transformers.

Graduation Project: Two-Layers Object Recognition Surveillance Drone

- Surveyed multiple sources for comments and feedback about the project. Which allowed us to get a better idea what area we should prioritize and will distinguish us from other drone projects.
- Ensure that all reports are submitted in time and are following the required format and meet all the specifications. Which allowed our team to score 20% to 25% above the average grade.
- Implemented a novel idea; " two layers object recognition surveillance drone ". Which allowed us to lower the cost by 69% and lower the energy consumption by 50%.



SKILLS

- Proficient in MATLAB
- Native Arabic speaker
- Collaborative team player with solid interpersonal skills
- Proficient in English (speaking and writing)
- Strong verbal and written communication skills
- Effective problem-solving and critical thinking abilities



REFERENCES

Available upon request