

MARYAM MERGHANI

ELECTRICAL AND COMPUTER ENGINEER

PROFILE

A motivated recent graduate with a B.S. (Honours) in Electrical and Computer Engineering. I am interested in developing my academic career by pursuing a Master's Degree in Renewable Energy Systems Engineering at the University of Surrey.

PERSONAL INFORMATION

Full Name

Maryam Hisham Abdalrahim Merghani

Nationality

Sudanese

Residence

Jeddah, Saudi Arabia

CONTACT

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in <https://www.linkedin.com/in/maryam-merghani-930224181/>

SKILLS

- **Circuit Design**
- **MATLAB**
- **Arduino**
- **C++**
- **Microsoft Office**
- **Problem-solving**
- **Critical Thinking**
- **Research**
- **Project Management**
- **Time Management**
- **Teamwork**

LANGUAGES

- **English**
- **Arabic**

EDUCATION

● Bachelor of Science in Electrical and Computer Engineering, College of Engineering

Effat University, Jeddah, Saudi Arabia | 2017 - 2022

GPA: 3.6 / 4.0.

Concentration: Power and Control Systems

Graduation Project: "Power Quality Disturbances Identification using Wavelet Decomposition and Machine Learning".

Relevant Courses:

- Renewable Electrical Energy
- Control Systems
- Power Systems
- Chemistry
- Physics
- Mathematics
- Seminar & Research

PARTICIPATIONS

- Presented at Effat's 19th Learning and Technology Conference with my research paper "Power Quality Disturbances Identification using Wavelet Decomposition and Machine Learning"
- Presented at Effat's Students Scientific Research Forum with my project "Obstacle Detection and Line Follower Robot using Arduino"
- Volunteered in organizing Career Day at Effat University

ONLINE CERTIFICATIONS

2022	Sakura Science Program <i>Tokai University, Japan</i>
2022	Artificial Intelligence Foundations: Machine Learning <i>Coursera</i>
2021	Effective Problem-Solving and Decision-Making <i>Coursera</i>
2021	Leadership and Emotional Intelligence <i>Coursera</i>

EXPERIENCE

- **Internship**
Smart Methods | June 2021 - August 2021
 - Completed 360 hours of internship in the track of Power and Electronics
 - Designed robot-related circuits

REFERENCES

Professor Saeed Qaisar
Effat University
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Professor Mohammed Abdulmajid
Effat University
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