

# Maha Alblwai

✉ Alblawimaha@gmail.com ☎ 0581915107 🗺 Jeddah, Saudi Arabia

in <https://shorturl.at/0o8ly>

## PROFILE

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Motivated Electronic and Computer Engineering student with a solid academic foundation and practical experience in circuit design, software development, and technical analysis. Committed to enhancing technological innovations, fostering teamwork, and delivering effective, data-driven solutions in real-world applications.

## EDUCATION

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**Effat University - Jeddah, Saudi Arabia**  
Bachelor of Electronic and Computer Engineering  
(Expected 2027)

**Gifted School - Jeddah, Saudi Arabia**  
Middle & High School  
(2016 - 2022)

## LEADERSHIP & ACTIVITIES

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### IEEE member- effat University

Active participant in technical workshops, seminars, and networking events to enhance professional knowledge inside and outside university.

2022- present

### Art Event Organizer (High School)

Assisted in managing and organizing art exhibitions in collaboration with Biennale during secondary school.

High school

## RESEARCH & PROJECTS

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### Reducing Plant Dryness Using Banana Peel Potassium Solution

Designed and executed an experimental research project using potassium extracted from banana peels to reduce plant dryness. Nominated for Ibdaa National Competition.

### Carbon Capture Using Nano Copper Oxide Particles

Investigated carbon dioxide capture using nano copper oxide particles to mitigate global warming. Project showcased at King Abdulaziz University and nominated for Ibdaa Competition.

## SKILLS

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### Technical Skills:

Python, C++, MATLAB, Arduino,  
Circuit Design, Software Development.

### Soft Skills:

Team Collaboration, Problem-solving, Time  
Managements