



FURQAN ALI ABBAS

Biomedical Engineer | Student Activities Coordinator

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📍 Iraq – Thi Qar

ABOUT ME

Biomedical Engineer with a strong passion for innovation and modern technology, especially in medical devices and hologram applications in education. Experienced in organizing and managing student activities, leading teams, and coordinating academic events. Skilled in combining technical knowledge with leadership to deliver impactful projects and initiatives.

EDUCATION

Al-Ayen Iraqi University | 2022 – Present

Bachelor's Degree in Biomedical Engineering

- Focus on medical devices, sensors, and healthcare technologies
- Participated in practical training including hospital visits (e.g., Heart Hospital in Nasiriyah)

PROJECTS

Hologram Fan Project (Holofan)

- Designed a 3D holographic advertising model using Blender
- Developed control system using C++
- Applied concept for university promotional display

Respiration Rate Measurement Device

- Built using Arduino Uno and pressure sensor (MPX5010)
- Converted airflow to electrical signals for analysis
- Displayed real-time results on LCD

WORK EXPERIENCE

Student Activities Unit Coordinator | 2025 – Present

- Organized academic and extracurricular events
- Managed student teams and participation logistics
- Coordinated graduation events and official activities
- Improved student engagement and communication

Additional Activities

- Contributed to organizing the Scientific Researcher Recognition Ceremony (2021, 2023) at Al-Ayen Iraqi University
- Led and organized graduation ceremonies (2024/2025, 2025/2026)
- Member of the Student Activities Unit (2025/2026 – Present), supporting event organization and student engagement

SKILLS

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|-----------------------------|-------------------------------|-----------------------|
| • Medical Devices & Sensors | • Arduino & Embedded Systems. | • 3D Design (Blender) |
| • Project Management | • Team Leadership | • Event Organization |