

AREESHA ABBAS

Astute Biomedical Engineer with a strong foundation in research and software applications. Demonstrates excellent critical thinking and communication skills, with a commitment to continuous learning and professional development. Experienced in applying analytical methodologies and the latest technologies to drive innovation and solve complex problems in biomedical engineering.

Address:

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DHA Phase 6, Karachi

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PROFESSIONAL EXPERIENCE

Operations Assistant

White Light Digital Marketing
August 2024 - Present

Biomedical Engineering Intern

Combined Military Hospital
May 2023 - June 2023

Biomedical Engineering Intern

Ziauddin Hospital
June 2022 - July 2022

EDUCATION

Bachelors of Biomedical Engineering

Ziauddin University
2024

HSC Pre-medical

DHACSS College for Women
2019

SSC Science

St. Joseph's Convent
2017

LANGUAGES

- Urdu (Native)
- English (C1 Certificate)

ACADEMIC PROJECTS

Final Year Project: Real-time Prediction of Arrhythmia using Deep Learning Techniques

- Developed a real-time arrhythmia prediction model using Convolutional Neural Networks (CNN) trained on the MIT BIH Arrhythmia database.
- Utilized the AD8232 sensor for real-time data collection and analysis.
- Enhanced understanding of Python and deep learning algorithms including RNN, CNN, and ANN.

TECHNICAL SKILLS

- Proficient in MATLAB and SolidWorks
- Skilled in Microsoft PowerPoint and Microsoft Word
- Knowledgeable in programming languages including C++, C, and Python
- Circuit designing and understanding

CORE COMPETENCIES

- Analytical problem-solving
- Research and development
- Innovation and technology application
- Project management