Mearaj Abduljabar Alsalman

CONTACT

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SKILLS

Relationship Building

Leadership

Elocution

Democratic Spirit

TECHNICAL SKILLS

MATLAB

AutoCAD

Arduino Program

C++ Program

Microsoft Office:

Excel

Word

PowerPoint.

LANGUAGES

Arabic (Native)

English (Professional)

Professional Profile

A biomedical engineer with excellent communication skills and academic qualifications that enables professional communication with colleagues and clients. Quick to grasp new ideas and concepts, develop innovative and creative solutions. Even under significant pressure, possesses a strong ability to perform effectively. Eager to develop and learn, to earn an income while making an impact, and to gain new knowledge in diverse fields.

Education

King Faisal University | Alhssa, Saudi Arabia |MAY 2019
Bachelor of Biomedical Engineering

Training

Maternity and Children Hospital (MCH) in Alhassa. (June 24, 2018 to August 16,, 2018).

Licenses and Certifications

- Professional Classification and Registration Record as Medical Devices Specialist from Saudi Commission for Health Specialist (SCFHS).
- Professional Accreditation as Biomedical Engineer from Saudi Council of Engineering (SCE)

Projects

- **Balancing Shoes**

Senior design project aims to detect the falls in elderly people and prevent it before it occurs by using a novel algorithm and hardware.
(Done with Dr. Preethika Britto, King Faisal University, college of Engineering)

- **Respiration monitor**

Designing a bioelectronic respiration rate monitor suited for low resource environment.
(Done with Dr. Sami Khlil, King Faisal University, college of Engineering)

- **Heart Rate Monitor**

Designing a bioelectronic heart rate monitor using low cost components.
(Done with Dr. Preethika Britto, King Faisal University, college of Engineering)

- **CTG Maintenance**

CTG machine is a smoothly operating device with few failures. There are a few common errors and malfunctions that may occur within a CTG and how to deal with it.
(Done with Dr. Preethika Britto, King Faisal University, college of Engineering)

- **Wearable Object Detection System for the Blind**

It is an object detection system for the blind is a helpful technique designed to reduce the struggle of being visually impaired in preforming day to day activities
(Done with Dr. Sana Shahab, King Faisal University, college of Engineering)

Organizations and Volunteer Experience

- Attending The 2nd KFSRHC Jeddah Annual Stem Cell Transplant Conference by king Faisal specialist hospital & research center (Sep 11,2020).
- Attending Clinical Dietitian Leadership Experience Webinar Conference by king Faisal specialist hospital & research center (Jul 15,2020).
- Attending biomedical polices and biological requirement course in MCH. (Jul 2, 2018).
- Attending Arduino course as a student for fifteen hours. (Jan 29, 2018 to Feb 1, 2018).
- Attending Personalized MRI Webinar organized by SSSBE. (Jan 8, 2017).
- Attending the Health Professions Conference in KSU. (Apr 24, 2017)
- Attending Ultrasound Imaging Technology and Terminology Webinar organized by Saudi Scientific Society of Biomedical Engineering (SSSBE). (Dec 7, 2016).