KARTHIKEYAN S

karthikeyansekar037@gmail.com
Flat No 3010, Sai Nandana Gardenia Apartment, Lakebund Road, Gottigere, Bengaluru-560083.
9443491153

SUMMARY

I am an aspirant Biomedical Engineering graduate. To work in an challenging environment where I can highlight my skills, achievements and enthusiasm in order to achieve organization goals. Motivated and hands on learner eager to master new policies and procedures while contributing to patient care. I will be punctual and obedient at my work and give my commitment towards 100% job completion.

SKILLS

- Strong problem-solving
- Programming in C
- Project management
- Good communication
- Decision making
- Leadership
- MS word, Excel, Powerpoint
- Time management

EDUCATION

UNDER GRADUATE (UG)
RAJALAKSHMI ENGINEERING COLLEGE
B.E BIOMEDICAL ENGINEERING (2019-2023)
CGPA: 8.02

CLASS XII
VELAMMAL MATRICULATION HIGHER SECONDARY SCHOOL (2018-2019)
PERCENTAGE: 59.3%

CLASS X
VELAMMAL MATRICULATION HIGHER SECONDARY SCHOOL (2016-2017)
PERCENTAGE: 87.6%

INTERNSHIP AND TRAINING

MEDCUORE MEDICAL SOLUTIONS PVT.LTD

- Completed inplant training on Comprehensive Biomedical Instrumentation.

APOLLO HOSPITALS

- Completed practical training on Biomedaical Engineering concepts covering Operating Principles, Troubleshooting, Maintanence, Repairing and Applications of Medical equipment at various departments.

PROJECTS

TITLE: "NANOFIBER BASED SMART SENSOR FOR BIOSENSING HYDROGEN PEROXIDE (H2O2)"

DESCRIPTION: We have synthesized the nanofiber using the method of electrospinning. The nanofibers are characterized using Scanning Electron Microscope (SEM) and Fluorescence microscopy. The severity of injured tissue is sensed by sensing Hydrogen Peroxide(H2O2).

TITLE: "PRESSURE ULCER CLASSIFICATION USING DEEP LEARNING"

DESCRIPTION: We have collected data from data source and preprocessed the collected images. By Using transfer learning, a pre-trained Convolutional Neural Network (CNN) model AlexNet , we have classified images. Images from each of the six classes were collected and trained using AlexNet . The trained images were used to predict the stage of pressure ulcer when a testing image is fed.

CERTIFICATIONS

- Computer course on build a face recognition application using python.
- Participated in IP awareness/training program.

EXTRA-CURRICULAR ACTIVITIES

- Event manager in directors cut conducted by YUVA REC (NGO) 2020-2021.
- Associates of YUVA club of Rajalakshmi Engineering College (NGO) 2020-2021.
- Robotics training program at Rajalakshmi Engineering College 2019-2020.