Saad Ali Sadaqah Al-Jehani

Electrical and Computer Engineering Fresh Graduate

Recent graduate of Electrical & Computer Engineering from King Abdulaziz University, eager to apply skills in Embedded Systems, Digital Design, and Computer Vision to contribute effectively in a professional setting.

Contact Info

+966 53 627 4271

s3dmj@outlook.sa

https://s3dmj.github.io/

Male

2000-02-04

Jeddah

Saudi Arabia

Skills

- C (Programming Language)
- Linux Kernel Development
- Computer Vision
- Embedded Systems
- Digital Design
- Python
- Java

Languages

Arabic	Native
English	Advanced

Links

linkedin

other S3dMJ

Education

2024-1-4

King Abdulaziz University

Bachelor - Electrical Engineering (Computer)

Electrical & Computer Engineering graduate with first honors and a GPA of 4.78

Experience

2023-7-2 - 2023-12-31

National Company of Telecommunications and Information Security

Embedded Systems Co-op Trainee

7-2022 - 8-2022

Mawhiba

Electrical and Computer Engineering Assistant Coach

In the Mawhiba summer program, I facilitated the practical session for the Electrical and Computer Engineering Course, where high school students gained hands-on experience in their field of study. As an assistant coach, my responsibilities included designing circuits for the practical session, offering guidance and support to students throughout the project, and ensuring the availability of necessary components and equipment.

06-2021 - 08-2021

Smart Methods Est.

Internship

Summer internship at Smart Methods Electrical and Electronics Department (320 hours). Responsibilities included circuit design and programming control units for I/O components in company projects.

Projects

2023-11-16

Environment Perception System for Smart Vehicles

The environment perception system is an ADAS system that provides several perspectives and information to the driver that would help avoid collisions and parking safely. This includes a distortion-free visual feed with at least 81° field-of-view, covering the vehicle's blind spots, and a bird's eye view around the vehicle to assist while parking in tight spots and parallel parking.

2023-5

Webserver implementation using Multithreading and Synchronization Tools

This project aimed to optimize a web server's responsiveness by implementing a thread-pool architecture and synchronization mechanisms. It utilized message-passing, shared memory, signals, and multi-threading to efficiently handle incoming requests. Strategies for managing overload situations were also integrated. Overall, the project emphasized the implementation of complex systems and precise resource management for improved performance.

2022-5

Interactive Advertising System

An Interactive Out-of-home advertising system that detects emotions through a camera and classify the mood using a convolutional neural network model that is trained and tested on a dateset of 40,000+ images.