

Othman Kisha

Computer Engineer

Ambitious computer engineer with strong desire to apply gained knowledge in product development. Committed to teamwork with ability to work with all type of personalities. Able to learn and work with cutting-edge and emerging technologies.



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EDUCATION

Bachelor of Science

King Fahd University of Petroleum and Minerals

09/2016 - 12/2020

Dhahran-Eastern, Saudi Arabia

GPA

- Cumulative GPA: 3.88 out of 4
- Major GPA: 3.98 out of 4

PROJECTS

In Door Face Mask Inspector (09/2020 - 12/2020)

- Developed a website for face mask surveillance (Opencv and Keras) with Flask and Gunicorn as application server, along with Nginx as webserver, MongoDB as database, and everything is containerized using Docker.
<https://github.com/othmanKisha/In-Door-Face-Mask-Inspector.git>

Secure Online Battleships Game (01/2020 - 04/2020)

- Developed a battleships game with python. it uses sockets and performs SSH for connection from scratch. In addition, implemented RSA cryptosystem and Diffie-Hellman key exchange. Finally, used cryptodome module to perform AES cryptosystem. <https://github.com/othmanKisha/Online-Battleships-Game-with-SSH>

Patient Appointment Management System (PAMS) (01/2020 - 04/2020)

- Developed a website for making appointments with doctors. This was developed using express.js (Nodejs) with MongoDB and was deployed to Microsoft Azure Cloud using the credit provided from the university.
<https://github.com/othmanKisha/PAMS.git>

Obstacle detection robot (09/2019 - 12/2019)

- Developed an embedded system using a microcontroller called LPC Xpresso 1769. This microcontroller is programmed with C programming language. The embedded system uses one ultrasonic sensor for obstacle detection. In addition, it uses 4 servo motors to be used as wheels.

WORK EXPERIENCE

Odoo Part-time Developer

ASASAT Advanced Systems

09/2020 - 10/2020

Riyadh, Saudi Arabia

Achievements/Tasks

- Configuring Nginx for a project deployed in Digital Ocean Cloud.
- Configured Docker containers for deploying the project.
- Assisted in the website development using Odoo.

Odoo Development Trainee

ASASAT Advanced Systems

05/2020 - 07/2020

Riyadh, Saudi Arabia

Achievements/Tasks

- Developed the business logic for Tailoring Management System (TMS).
- Developed the modules for managing the stock and shipping.
- Used Docker containers to make the project a cloud native application.
- Deployed the project into Digital Ocean Cloud.

SKILLS

Web Development MySQL MongoDB

Python Java C Odoo ERP

Machine Learning Computer Vision

Data Pre-processing Git Docker

Linux Nginx Nodejs Flask

Cloud Computing Information Security

Algorithms Design Data Structures

Problem Solving MS Office

Embedded Systems Development

Oral and Written Communication

ACHIEVEMENTS

K-MAP Competition 1st Prize (10/2018 - 10/2018)

1st Honor Student (09/2017 - 12/2020)

CERTIFICATES

Award of Excellence in English Writing (04/2018 - 04/2018)

Calculus Award (07/2018 - 07/2018)

Physics Award (04/2018 - 04/2018)

LANGUAGES

Arabic



English



INTERESTS

Team Environment Learning New Skills

Office Environment Volunteering

Solving Complex Problems