Saeed Khaled

Student 👤

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EDUCATION 🎓

- **Faculty :** Engineering, Cairo University.
- **Department :** Systems And Biomedical Engineering.
- **Grad :** Very Good.
- **Status :** Senior Student.

SKILLS 👤⚙

`</>` **Programming Languages**
C, C++, Javascript, Python

Back-End Development
Node.js, Express.js, Mongoose, Postman,Docker Basics, Socket.io ,Git

🛢 **Database Systems**
MySQL, MongoDB

💻 **Front-End Development**
HTML, CSS, Bootstrap ,React

◉ **OS**
Windows, Linux

TRAINING 🏅

🟨 **Node.js, Express, MongoDB & More: The Complete Bootcamp 2022.**
📅 Jun 2021 - Mar 2022   📍 Online
RESTful API design, Mongoose, Express, error handling,Sending emails

⚛ **React Tutorial and Projects Course.**
📅 Jun 2019 - Jul 2021   📍 Online
React principles , work flow , hooks ,styled components ,and alot projects

◎ **WebRTC 2022 Practical Course.**
📅 January 2022 - June 2022   📍 Online
Video chating principles using WebRtc , peerjs

🌐 **SIG Medical Solutions.**
📅 Jun 2018 - Jul 2018   📍 Online
Ultrasound working principle.

👤 **Clinical Internship.**
📅 Jun 2019 - Jul 2019   📍 Offline
El Demerdash Hospital,Principles of clinical engineering

PROJECTS 💻

Psychological Awareness 🎧
» Web And Mobile App Serve People That Have Mental Disease.
» Tools: **React, React Native, Nodejs ,Express, MongoDB, Restuful Api**

Natours 🎧
» Restful Api Using Node Js.
» Tools: **Nodejs, Express ,MongoDB**

React Projects 🎧
» React Projects Using React,React Hooks ,Redux
» Tools: **Styled-Components, React Hooks, Html, CSS**

React Video Chating App 🎧
» Video Chat Application Using WebRTC And PeerJS
» Tools: **React , React Hooks NodeJS , PeerJs ,Stryled Components ,Express**

Self Driving Car 🎧
» This Is Iot That Aim A Self Driving Car Using Python, OpenCV React Native Mobile App To Control The Car And Switch Between Modes.
» Tools: **React Native, OpenCV, Web Socket ,Nodemcu**

Real Time Monitoring 🎧
» This Is Iot App That Aim To Moitor Sensor Data I Real Time.
» Tools: **React Native, Python, Express, Nodemcu**

Restaurant Web App 🎧
» Responsive Website Using Front End Technology.
» Tools: **HTML, CSS, Javascript**

Digital Filter Design. 🎧
» A Web Application For Designing Digital Filters Using Z-Transform.
» Tools: **HTML, CSS, JS**

Multi-Channel Bio-Signal Viewer. 🎧
» A Multi-Channel Bio-Signal Viewer GUI Application Using Python PyQt5,Export The Signals As PDF.
» Tools: **Python, PyQt5, Pyqtgraph, FPDF, Numpy**

Image Mixer 🎧
» Mixing The Magnitude And Phase Of The Complex Domain Of Two Images.
» Tools: **FFT, Python, PyQt5**

Music Equalizer 🎧
» This Is A Sound Equalizer GUI App ,Any Audio File Can Be Played, Paused, And Equalised With It.
» Tools: **Python, PyQt5, Pyqtgraph, Numpy, FFT, Librosa**

Music Identifier 🎧
» Desktop Application Aim To Identify The A Music Based On A Stored Database By Extracting Histogram Peak Feature.
» Tools: **Python, PyQt5, Numpy, FFT, Librosa**

Medical Chatbot 🎧
» This Is A GUI Application That Serves Psychological Questionnaires To Clients And Gives Them The Overall Results.
» Tools: **Socket Programming, GUI**

Localization 🎧
» Usig Wifi Strength In Local Area To Detect Person Location.
» Tools: **Nodemcu, Pwa**