

Saeed Khaled

Fresh Graduate

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EDUCATION

- Faculty:** Engineering, Cairo University.
- Department:** Systems And Biomedical Engineering.
- GPA:** 3.44
- Status:** Fresh Graduate.

SKILLS

- Programming Languages**
Javascript, Python, C++
- Back-End Development**
Node.js, Express.js, Mongoose, Postman, Git, Docker (Basics), Socket.io, webRtc, peerjs
- Database Systems**
MongoDB, MySQL
- Front-End Development**
HTML, CSS, Tailwind CSS, Bootstrap, React, Redux, Styled-Components
- 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 of projects
- WebRTC 2022 Practical Course.**
January 2022 - June 2022 Online
Video chatting 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

Graduation Project

- Web And Mobile App Serve People That Have Mental Disease.
- Tools: **Nodejs, Express, MongoDB, Restful Api, Docker, Postman, WebRtc, React, React Native**

Yalla Tourism

- 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**

Video Chating App

- Video Chat Application Using WebRTC And PeerJS
- Tools: **React, React Hooks NodeJS, Peerjs, Styled Components, Express**

Autonomous Car App

- This Is An Mobile App That Aim To Control A Self Driving Car And Switch Between Modes.
- Tools: **Nodejs, Express, Socket.io, OpenCV**

Real Time Monitoring App

- This Is An App That Aim To Moitor Sensor Data In Real Time.
- Tools: **Nodejs, Express, React Native.**

Localization App

- Web And Mobile App Use Wifi Strength In Local Area To Detect Person Location.
- Tools: **Nodejs, Express, Nodemcu, HTML, CSS, Js**

Restaurant Web App

- Responsive Website Using Front End Technology.
- Tools: **HTML, CSS, Javascript**

ICU Monitoring System.

- A Web And Mobile Application For Monitor Intensive Care Units .
- Tools: **Nodejs, Express, Socket.io, MongoDB, React, React Native**

Multi-Channel Bio-Signal Viewer.

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

Image Mixer

- Mixing The Magnitude And Phase Of Two Images.
- Tools: **Python, FFT, 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 Provide Psychological Test .
- Tools: **Python, Socket Programming, GUI**