

# Saeed Khaled

Student



+201009649295



Giza, Kerdasa



linkedin.com/in/saeed-khaled-2a412b1a8



saeedx.saeed99@eng-st.cu.edu.eg

## 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, Restful 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, Styled Components, Express**

### Self Driving Car

- » This Is Lot 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 Lot 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**