

# Abdelkader Rafaat Abdelkader

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## EXPERIENCE

*Software Engineer (Part-time) - EGYROBO (Nov 2019 - April 2020)*

- Projects:

A Computer Vision-Based System that can convert human faces into pen strokes then sends the point coordinates to the robot to draw with an actual pen.

An Object Detection System that locates objects in 3D-space then communicates with the robot to make it reach that object in the right orientation.

*Self-Employed Full-stack Web Developer: (May 2020 - Current)*

- Working as a freelance web developer focusing on:

- MERN Stack -React Native

ex: [shopshipwear.com](https://shopshipwear.com)

## EDUCATION

Bachelor of Engineering, Electrical Communication, and Electronics.

Canadian International College, New Cairo, Egypt. 2013-2018. (GPA: 3.22)

Graduation Project: Blind Guiding System.

It consists of a mobile app with face recognition/detection, OCR, object-detection, text-to-speech, and smart home with voice commands features.

## SKILLS

- Programming Languages: Python - C / C++
- Computer Vision: OpenCV
- Artificial Intelligence: TensorFlow, Sagemaker(AWS), Scikit-learn.
- Network Engineering: CCNA
- .Robotics: KRL(KUKA Robot Language)
- DevOps: Docker
- Web Development :
  - o HTML/CSS.
  - o Javascript/typescript.
  - o React.js/React-native
  - o node.js(express)
  - o Firebase
  - o MongoDB
  - o PostgreSQL
  - o Next.js
  - o Material-UI

## PERSONAL

- Date of Birth: 29 - 6 - 1994
- Lives in El-Rehab City
- Completed Military Service (12-2019)
- Languages:
  - English (Fluent)