

Mostafa Mohamed Hassan Mabrouk

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❖ Education and Qualifications:

Bachelor`s Degree from Faculty of Computers and Information, Cairo University from 2012 to 2016.

Major: Information Technology (IT).

Minor: Information System (IS).

GPA: 2.67. (Good).

Graduation Project: A+ (Excellent).

❖ Graduation Project: Blind Navigation System (BNS).

Objective:

- It is a tool to help the blind people to overcome the obstacles and navigate them to the intended location.

Technologies Used: Arduino and Android Application.

Main Idea:

- The whole system based on using arduino, other components connected to a stick and android application.
- The stick connected with three ultrasonics, arduino board, other sensors and modules to help the blind overcome the obstacles.
- Android application that allows the blind to know the current location, save it, search about any location by voice using google maps API and the application navigate the blind.

❖ Key Projects:

- Blind Navigator System [Android] (Graduation Project).
- Voice Translator Application [Android].
- Multimedia algorithms [Java].
- Security algorithms [Java].
- RTC Real Time Clock System [Arduino].
- Pattern Recognition algorithms [Matlab].
- Image segmentation project [Matlab].
- Pharmacy Management System [SQL and C#].
- Buy.com an e-commerce Website [PHP].
- Smart academy Website [PHP].
- Library website [JSP, Servlet].
- Drawing Statistical Charts [java].

❖ Technical Skills:

Desktop Applications:

- Java SE.
- C++.
- C.
- Matlab.
- Python.

Mobile Developing:

- Android Development.

Embedded systems developing:

- Arduino.

Web Development/Design and Tools:

- HTML.
- CSS.
- Java EE [JSP, Servlets, Basics of JSF].

- PHP [Codeignitor, Laravel].
- JavaScript.
- Ajax.
- JQuery.
- Bootstrap.

Data Base Development:

- MYSQL.
- Microsoft SQL.
- Oracle.

❖ Language Skills:

- Arabic: Native Language.
- English: Very Good in written, reading and spoken.

❖ Soft Skills:

- Worked in more than project simultaneously and met the deadline.
- Work under pressure.
- Work smart.
- Self- learner.
- Creativity in Problem Solving.
- Flexibility.

❖ Other personal details:

Birth Date: 1st May 1994.

Gender: Male.

Military Status: Completed.

Nationality: Egyptian.

Material Status: Single.