

Hala Abd El-Kader Mahmoud

Address: 31 Wasef ST., Shubra, Cairo, Egypt

Mobile: 01067 91 63 23

Telephone: (02) 24329811

E-Mail: hala.abdelkader10@gmail.com

Education

2011-2015: Faculty of Computers and Information, Cairo University

- **Major :** Information Technology (Hardware)
- **Minor :** Information System
- **GPA:** 3.64
- **Rate :** 4th
- **Grade :** Excellent

Training

- Summer 2013 : **IBM Egypt (TDC)**
- Summer 2013 : **Central Bank of Egypt**
- Summer 2014 : **RDI**

Technical Skills

- **Programming Skills:**
Java (SE), C++, Assembly, Matlab, Arduino C, Embedded C (beginner)
- **Web skills:**
Servlet- JSP- JavaScript –PHP- HTML
- **Mobile Applications Development Skills:**
Android
- **Database:**
SQL Server
- **Network:**
Cisco CCNA (semester 1 & 2)

Graduation Project

Project title: Robo plotter

Project Briefing: Robo plotter is a tiny robot that takes an image from computer or simulate mouse movement and draws it on a paper or any other material. This means that plotters are vector graphics devices. It differs from the classical printer by using pens to actualize its pictures. It takes image from computer and get edges then convert it to vector graphics using inkscape then send commands to arduino to control pen using servos. It still in progress.

Tools and technologies used: eclipse, Processing, Arduino, Inkscape and Autotrace.

HW component: Arduino kit, Servos and plastic parts.

Project grade: Excellent

Small Projects

- Gomoku Game with java
- Memory Game with C in real pic simulator.
- Internet application development for University Library Management using HTML , JSP and Servlet

Personal skills

- Ambitious and work in the Group.
- Work under pressure.
- Fast learner.

Languages

- Arabic : Native
- English: Good

Personal Information

Date of birth: 14 Oct 1992

Nationality: Egyptian

Gender: Female

Marital Status: Single