MOHAMED BAHAA

✉ mohamed.bahaa.saleh@gmail.com ⊕ bahaa.me ☎ +966506973556 ⚲ Riyadh
⌂ qahrb

EDUCATION

Eastern Mediterranean University
B.S Computer Engineering 2018
CGPA:3.52
North Cyprus

PROJECTS

FingerPrint Students Attendance System   Feb 2017 - Jan 2018
Python
Created a system that uses a raspberry pi device connected to a fingerprint sensor to take students attendance in the start of every lecture or when intended to and then sends this the attendance information back to the server to be stored in a database.
- Created using htmlPy and PySide.
- UI created in html, css, and javascript.
- Cross platform desktop application.

Water Level Alert Embedded System   Dec 2017 - Jan 2018
C
Created an embedded system that has two micro-controllers, one that receives data from HC-SR04 sensor simulator then sends it to another one that acts as the main unit. The main unit micro-controller receives data in ASCII format, displays it on an LCD screen, compares it to analog data received from a potentiometer and then compares it to the ASCII data after changing it to integer format to either switch off or switch on the water alert led.

Basic PM   Feb 2017 - May 2017
C#.net
A project management software that resembles Microsoft project with simple user interface and basic functionalities. These functionalities include organization chart generator and activity network diagram generator.

SKILLS

PROGRAMMING LANGUAGES: C++, C, Python
FAMILIAR LANGUAGES: SQL, C#.net, Haskell, JavaScript, HTML, CSS
OTHERS: SketchUp, Competitive Programing, IELTS 7.5

AWARDS

Certificate of Excellence, *Eastern Mediterranean University*   Jan 2018
Awarded in recognition of an outstanding Graduation project.

EMPLOYMENT

Vodafone International Services (Vodafone UK), *Technical Support Advisor*, Cairo, Egypt.   Jul 2014 - Sep 2014
- Troubleshooted issues with customers related to network connectivity .
- Guided customers through registration steps.
- Helped customers with issues related to their mobile phones.
- Marketed the company's products to the customers.

ACTIVITIES

IRC Egypt Competition, *Mechanical Mechanisms Designer*   Oct 2014 - Dec 2014
- Designed the mechanisms of two robots.
- Animated the mechanisms in Google SketckUp to see if they they are suitable before implementation .
- Helped in implementing the designs with the implementation team.