Zaynab Mohammed AL-Ariny

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Objective

Looking forward a challenging career with organization that provides an opportunity to capitalize my Technical skills & abilities in the fields of information technology for benefit of the organization and myself. Seeking a position as software developer with a focus on Back-End web developing using python or JavaScript ,IOT application development.

Education

2016 – 2017

- 9-Month Diploma, Information Technology Institute, Open source track – IOT, smart village branch, intake 37.
    - http://www.iti.gov.eg/Admission/PTPprogram/intake37/IoTtrack

2011 - 2016

- Bachelor's degree in Electronics and Communication Engineering, faculty of Engineering, Sohag University
    - GPA: 3.22 with honors
    - Graduation project title: Smart Restaurant
    - Graduation project GPA: 4

2009 - 2011

- AL-Yarmook secondary school
- Graduation Grade: 95.6%.

Experiences

(Aug-Nov) 2017

- Software Developer at STEBN.
    - https://www.stebn.com

Des 2017 till now

- Teaching Assistant at Sohag Faculty of Engineering.

Skills

Technical skills:

Programming Language

- Node.js
- Python
- javaScript and jQuery
- Bash scripting
- Java SE
- C and C++

Database Management Systems

- SQL
- MongoDB

Operating Systems

- Linux "RedHat"
- Windows

Personal skills:

- Quick learner, Initiator and passionate about working.
- Team working.
- Good Analytical and Logical skills.
- Confident and optimistic.
- Communication Skills.

Languages:

- Arabic (native)
- English (Good)

Honors &Awards

- Graduation commutative GPA: 3.23 with honors and amongst the top rank holder throughout the academics - 3^{ed} place.
- "Best Robotic System" Price provided by IEEE Egypt chapter in "Upper Egypt in Action" competition.

Activities

- Volunteer at Egyptian Engineering Day (EED) – 2016.
- Microsoft Specialist in Dynamic CRM Application.
- Microsoft Student Partner 2016.
- Programmer at IEEE-SUSB.
- Android Training Program (Pyramids Training Company).
- Web Development Training (ITC).
- Microcontrollers Basic Applications Training (Jelecom Egypt).
- CCNA Application Basic Training (Jelecom Egypt).
- 4 weeks Training at Telecom Egypt Company
- Volunteer at Resala Charity Organization

Projects

- **Chat App**
  - Chat application using Python, web socket and MongoDB . The app allows user to add friends , create groups and add friends to it. User can chat with any of his friends or groups.
- **BashDB**
  - Bash script provides the main SQL database operations.
- **Yalla Notlob**
  - Web application using Node.js, socketIO, and MongoDB. The app allows user to create and manage orders, invite his friends and groups to his order, accept or reject invitations, and add items to specific order.
- **Tic Tac Toe Game**
  - Tic Tac Toe game using java and MySQL. the game has three different modes: offline mode, online mode and play with computer mode.
- **ABC Game**
  - Simple game helps children to learn English letters using HTML, CSS and pure javaScript.
- **Smart Restaurant**
  - A full restaurant system consists of:
    1. Web application and android application allows user to make order and specify his address for delivery or his table number if he is in the restaurant. In addition to admin page allows the restaurant chief to check the orders and give the robot the suitable commands when the orders is ready.
    2. Robot system using Arduino and Raspberry pi to take the order from the kitchen to the table once the order finished
  - My role: develop python server run on Raspberry Pi (Rasbian OS) to send/receive data to/from Arduino(which connected to robot Mototrs and control units) and the Apatche Server (which connect to web page and android application)

References

- Reference are available upon request