

BAHAA ABOUZOID

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OBJECTIVE:

- A highly motivated and committed computer engineer seeking to fill the position of a java developer where I can utilize knowledge in software development and learn new concepts and skills to ensure optimal software performance.

EDUCATION

- BSc. in Computer and Automation Engineering (Damascus University) with GPA (79.03%). (2010 – 2016)
Graduation project: Inverted Pendulum Self-Balancing Cart: The system was simulated and built in MATLAB and implemented in an open source environment. Most of the hardware was acquired and designed out of house outfits.

WORK EXPERIENCE

Telecommunication Coordinator – Syrian Arab Red Crescent – Sweida: (August 2017 – October 2018)

- Assessing the needs of telecommunication equipment.
- Installing and maintaining the telecom systems (UHF, VHF, HF) platform and IT network equipment (routers, printers, computers...).
- Diagnose any system malfunction.
- Reporting and administrative tasks.
- Inventory of all telecommunication equipment.
- Participated in developing a software App that serves the operations room's demands.
- Designed a multi-mode, real-time flashing lights system for SARC ambulance vehicles, due to the high expenses and unavailability of the original equipment, using Arduino ATmega328 board, programmed by Atmel Studio, with required electrical components, implementing them on a homemade PCB board.

Key Skills:

General Skills:

- Able to master new skills quickly
- Cooperative team worker.
- Capable of working under pressure.
- Leadership.
- Problem solving.

Technical Skills:

- **Software development:**
 - JAVA SE: OOP, Core APIs, JavaFx, JDBC, multithreading, and Junit.
 - JAVA EE: Servlet, JSP, Session, Filter, Listeners, JSTL, Hibernate (basics), HTML5 & CSS3 (basics), Maven, MVC.
 - Spring Framework (basics).
 - Knowledgeable about JVM architecture, JDK, GC and Memory management.
 - SQL: ERD Modeling, Standard SQL commands, complex queries, Views, Temp Tables, Stored Procedures and Transactions.
- **Electronics and Microcontrollers:**
 - Designing electronic circuits.
 - Programming AVR MCUs: deep comprehension of its internal structure and peripheral components, IO Ports, Interrupts, Timers/Counters, UART, ADC, ACU, PWM, etc. Programming it in C, at registers level.
 - Implementing AVR MCUs in a fully functional, real-time electronic circuits.
 - Designing electronic circuits PCB schematics and implementing them on homemade PCB boards.

- **Programs:** Microsoft Office, Eclipse IDE, NetBeans IDE, MYSQL Workbench, Software Ideas Modeler, Atmel Studio IDE, Arduino IDE, Proteus, Multisim, MATLAB.

ACHIEVEMENTS

- Graduated third in class at BSc degree (Computer and Automation Engineering).
- Graduated first in secondary school.

Courses

- Build Responsive Real World Websites with HTML5 and CSS3 [Udemy - 11h]
- Java spring framework masterclass [Udemy - 21h]
- Hibernate Fundamentals Hands-On Primer with Java EE & JPA [Udemy - 3h]
- JDBC Servlets and JSP - Java Web Development Fundamentals [Udemy - 7h]
- JavaFX GUI Design (FXML, SceneBuilder, CSS, Data Binding) [Internet - 10h]
- Java Programming Masterclass for Software Developers [Udemy - 77h]
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert [Udemy - 21h]
- Java SE (OOP and Core APIs, Exceptions, Threads, JDBC) [ramj2ee.blogspot.com - 60h]

LANGUAGES

- Arabic (Native).
- English (Fluent).

INTERESTS and ACTIVITIES

Syrian Arab Red Crescent Organization (SARC):

- Relief responses:
 - Sweida. (2018)
 - Eastern Ghouta of Damascus. (2018)
- Workshops:
 - Fundamentals of Disasters Management. (2018)
 - Fundamentals of First-Aid. (2017)
 - Emergency Telecommunication Systems. (2017)

REFERENCES

Available upon request.