

Abdul Kader M. Albitar

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Objective

In my professional journey, I am driven to discover opportunities that allow me to apply my expertise while also fostering its growth. I am eager to acquire new skills, forge connections with experienced professionals, and continuously expand my knowledge base.

Education

BACHELOR OF ENGINEERING (B.ENG.) | SEP 2011 - JUL 2018 | ALBAATH UNIVERSITY

- Major: Computers and Automation

Experience

ECONOMIC SECURITY GENERALIST | INTERNATIONAL COMMITTEE OF THE RED CROSS – ICRC | JUN 2020 – DEC 2023

- Improved food production, food security, and income generation for vulnerable households by distributing agricultural, livestock, small project, or relief inputs through various relief and livelihood programs.

ARDUINO (MICROCONTROLLER BOARD) TEACHER | FREELANCE | OCT 2018 – JUN 2020

- Created engaging and comprehensive lesson plans and teaching materials for Arduino-based courses.
- Provided clear explanations, demonstrations, and hands-on activities to facilitate student learning and understanding.
- Taught students the fundamentals of Arduino programming and electronics through in-person sessions.
- Facilitated project-based learning where students apply Arduino concepts to real-world projects.
- Assisted students with troubleshooting Arduino projects, identifying and resolving technical issues they may encounter during the learning process.
- Stayed updated on the latest developments in Arduino technology and related fields.

RELIEF AND LIVELIHOOD VOLUNTEER | SYRIAN ARAB RED CRESCENT - SARC | DEC 2016 - MAR 2020

- Improved food production, food security, and income generation for vulnerable households by distributing agricultural, livestock, small project, or relief inputs through various relief and livelihood programs.

ROBOTICS TEACHER | SYRIAN COMPUTER SOCIETY - SCS | NOV 2017 - DEC 2019

- Taught robotics to children and youth between the ages of eight and eighteen, providing clear explanations, demonstrations, and hands-on activities for better learning and understanding.
- Assisted students with troubleshooting Arduino projects, identifying and resolving technical issues they may encounter during the learning process.
- Taught robotics with different technologies including Lego Mindstorms kits and Arduino-based robotics.
- Selected top-performing students annually to participate in robotics competitions.
- Trained, coached, and mentored students participating in local and international competitions by equipping them with the necessary skills and guiding them throughout the competitions process.
- Achieved notable success by participating as a coach and winning in several national and international robotics competitions, including Sumo robots and line-following robots competitions.

AUTOMATION PROJECT DEVELOPER | FREELANCE | DEC 2017 – SEP 2019

- Helped college students design and develop automation projects for their graduation, with some getting the highest degrees.

Courses

TOT IN ROBOTICS | NOV 2016

- Organization: World Robot Olympiad – WRO

INTRODUCTION TO THE INTERNET OF THINGS AND EMBEDDED SYSTEMS | 2019

- Organization: University of California, Irvine

THE ARDUINO PLATFORM AND C PROGRAMMING | 2019

- Organization: University of California, Irvine

INTERFACING WITH THE ARDUINO | 2019

- Organization: University of California, Irvine

THE WEB DEVELOPER BOOTCAMP | SEP 2022

- Platform: Udemy – Instructor: Colt Steele

FULL STACK DEVELOPMENT TRACK | APR 2020

- Platform: Udacity

C++, HTML, CSS, RESPONSIVE WEB DESIGN, SQL, JQUERY, PHP | 2018 TO 2021

- Platform: Sololearn

MANY PROGRAMMING TUTORIALS | 2016 TO PRESENT

- Platform: YouTube

TRANSLATION WORKSHOP AND MARATHON | SEP 2017

- Organization: TEDx Mimas Street

Books

HTML AND CSS: DESIGN AND BUILD WEBSITES | JUN 2021

- Author: Jon Duckett

JAVASCRIPT AND JQUERY: INTERACTIVE FRONT-END WEB DEVELOPMENT | DEC 2021

- Author: Jon Duckett

Programming Skills

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|--------------------------|-----------------------|
| • Arduino | • jQuery |
| • Lego Mindstorms | • Node.js, Express.js |
| • Scratch | • MongoDB |
| • C++ | • Git & GitHub |
| • HTML & CSS, SASS | • MySQL |
| • JavaScript, ECMAScript | • PHP |
| • Responsive Web Design | • WordPress |
| • Bootstrap | |

General Skills

- Self-learning
- Teaching and Coaching
- Leadership and Teamwork
- Public Speaking

Languages

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| • Arabic: Native language | • English: Professional proficiency |
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