

Curriculum Vitae

Personal Details

Name: Sana Bashir Doughman.

Age: 39

Address: Souq Aljmaa , Tripoli – Libya

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Education:

- Bachelor's degree in Computer Engineering from the Department of Computer Engineering, Faculty of Engineering, University of Tripoli, for the academic year 2008.
- Master's degree in Engineering Sciences, specializing in Computer Engineering from the Department of Computer Engineering, Faculty of Engineering, University of Tripoli, for the academic year 2024/2025.

Work Experience:

- Engineer at ALKAN CIT Company, from 2008 to 2010.
- Engineer & Trainer in the Control Laboratory and Engineer in the study and examination system in the Department of Computer Engineering of the Faculty of Engineering, from 2011 to 2025.

Teaching Experience:

- Taught Principles of computer science at AL-Haydaa Intermediate Institute in 2024.
- Taught Arm Processor Architecture in the Mobile Computing department at the Faculty of Information Technology, University of Tripoli in fall 2025.

Training Experience:

- Course Title: SPSS Statistical Software Training.
- Course Title: Computer Basics.
- Training Center: AL-Haydaa Training Center.
- Role: Trainer.

Published Journal Papers:

- **Title:** *"Real-Time Comparison of PID and Fuzzy Logic Controllers for Industrial Temperature Control"*

Journal: *Journal of Pure & Applied Sciences (JOPAS)* – Sebha University

Date of Submission: May 14, 2025.

Accepted Date: Non 17,2025

- **Title:** *"Fuzzy Logic Controller vs PID Controller for Industrial Temperature Control Using MATLAB Simulation"*

Journal: *Scientific Journal of University of Benghazi.*

Date of Submission: August 14, 2025.

Languages:

- **Arabic:** Native
- **English:** Very Good (both written and spoken)