

Curriculum Vitae

PERSONAL INFORMATION

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| • Name | Mohamed Naji Muftah |
| • Nationality | Libyan |
| • Permanent Residency | Bani Walid/ Libya |
| • Date and place of birth | 28/01/1987, Libya |
| • Marital Status | Married |

CONTACT INFORMATION

Mobile phone	00218924939254 00218916208087
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EDUCATION

B.Sc. in Control Engineering from College of Electronics Engineering at Bani-Walid / Libya in 2010 with overall grade of **very good** percentage **78.46 %** .And got the second position.

M.Sc. in Control Engineering from College of Electronics Engineering at Bani-Walid / Libya in 2015 with overall grade **3.80**. The title of thesis is Automatic Paint Mixing Process using LABVIEW

LANGUAGES

Mother's tongue	Arabic
Foreign language	Good in English

COMPUTER SKILLS

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| • Programming | C language, visual Basic, and assembly language. |
| • Microsoft Office | Office 2010 |
| • Software package | Matlab, LabVIEW, Electronics workbench, and Programmable Logic controller (PLC). |

ACADEMIC EXPERIENCE

- [01/12/2010-28/02/2016] Engineer at Control System Engineering Department.
- [01/03/2016-present] Lecturer at Control System Engineering Department.
- [01/03/2016-present] Lecturer at Oil and Gas Instrumentation Eng. Department.

PUBLICATIONS

- **Design and Fabrication of a Smart traffic light Control Systems**, A. Albagul ,H. Hamed , M. Naji , A ,Asseni ,A. zaragoun , Proceedings of the 3rd International conference on circuits systems , control , signals (CSCS '12) , Barcelona , Spain , October 17-19 ,2012.
- **Automatic Paint Mixing Process using LabView**, Mohamed N.Muftah, Abdulgani M.Albagul, and Abdullah M.Faraj, The SYCOSH'2014 Int. Conf. on System, Control and Signal Processing, Varna, Bulgaria, Sep 13-15, 2014.

- **Metal And Remnants of War Detection Robot**, Mohamed Naji Muftah, Almatasm Bilah Salem Baroud, Abdulbare Melad Baroud, Proceedings of the 1st the Libyan International Conference on Electrical Engineering and Technology (LICEET 2018) , Tripoli , Libya , March 03-07 ,2018.

TEACHING EXPERIENCE

- Measurements Lab.
- Tutorial Mathematics II.
- Em.E.C Lab
- Programmable Logic Control (PLC) Lab.
- Control Component Lab
- Control System Design Lab
- Digital Control Systems Lab.
- Microcontroller lab .
- Linear Control System Lab.
- Introduction to control systems Lab.
- Control System Engineering
- Instrumentation Engineering
- Process control
- Adaptive Control
- Fuzzy Logic System
- Virtual Instrumentation
- Programmable Logic Control (PLC)

SUPERVISED PROJECTS

- ***LPG Consumption Monitoring and Booking System*** B.Sc, Oil and Gas Instrumentation DEP. Electronic Technology College, Bani Walid, Libya, *B.Sc, electronic technology college , BaniWalid, Libya*, 2018.
- ***Effective Boiler Automation System*** B.Sc, Oil and Gas Instrumentation DEP. Electronic Technology College, Bani Walid, Libya, *B.Sc, electronic technology college , BaniWalid, Libya*, 2017.
- ***Longitudinal Control of UAV Aircraft Using PID and LQR*** B.Sc, Control System DEP. Electronic Technology College, Bani Walid, Libya, *B.Sc, electronic technology college , BaniWalid, Libya*, 2017.
- ***Control stations of storage and distribution petroleum products*** B.Sc, Oil and Gas Instrumentation DEP. Electronic Technology College, Bani Walid, Libya, *B.Sc, electronic technology college , BaniWalid, Libya*, 2017.
- ***Control of Multiple Levels and Feeding Lines of Process Tank*** B.Sc, Control System DEP. Electronic Technology College, Bani Walid, Libya, *B.Sc, electronic technology college , BaniWalid, Libya*, 2017.
- ***Metal And Remnants of War Detection Robot*** B.Sc, Control System DEP. Electronic Technology College, Bani Walid, Libya, *B.Sc, electronic technology college , BaniWalid, Libya*, 2017.

TRAINING / COURSES

- Embedded Systems Standard Diploma.
- ICDL.
- LabVIEW Core1&Core2.
- LabVIEW FPGA (from NI).
- LabVIEW Real-Time 1 (from NI).
- Data Logging and Supervisory Control (from NI).
- Instrument Control (from NI).