YAZEN H SHAKIR

MSc Mechatronics and Robotics *(United Kingdom)*

Assistant Lecturer at Nineveh University

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Education

MSc Mechatronics and Robotics Engineering University of Leeds 2014 –2015 - United Kingdom

Grade: pass with distinction (Hons)

Mechatronics, robotics and autonomous systems represent a range of important technologies which underpin many applications – from manufacturing and automation through to self-driving cars and robotic surgical tools

BSc Mechatronics Engineering University of Mosul 2006-2010 – Iraq

Grade: 3rd rank

Computer literacy

Microsoft Excel:

- ➢ Advanced Excel Formulas: VLOOKUP, TEXT, SUMIFS ...etc.
- ➢ Tables and Formatting : Table tips , Table flexibility
- ➢ Advanced Charting : Dynamic & Interactive charts
- ➢ Data base system

Microsoft Outlook:

- ➢ Manage mail by categorising, flagging and archiving.
- ➢ Plan meetings and book meeting rooms.
- ➢ Delegate tasks with task assignments.
- ➢ Share calendars with other users.

Access and Other database tools:

- ➢ Previous experience with Data base systems

Research skills:

- ➢ Professional in surfing the Internet to obtain the relevant information
- ➢ Hand in several assignments in a short period.

Language

Arabic: Native or bilingual proficiency

English: (Fluent) IELTS: (International English language testing system)

Kurdish: Acceptable and able to learn more

Certificates

2020: Learning Data Analytics, Aug 21, 2020

2020: Learning Excel: Data Analysis, LinkedIn Learning

2020: Learn Industrial Automation

2015: Provisional Driving Licence, which is issued in the UK

2014: Academic English for Postgraduate Studies (Pre-sessional Language course)

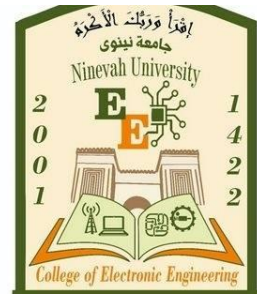2011: Internet & Computing Core Certification (IC3), Mosul, Iraq.

Career History

Dec 2016 – Present
Assistant Lecturer
Mosul

1- Teaching: Robotics, Engineering Drawing, AutoCAD and PLC
2- Presenting seminars

Feb 2016 – Aug 2016
Sales Support Officer
(Auto Tech) automotive and spare parts trading
Amman & Erbil
Local business partner for the largest high quality companies in the field of spare parts such as: BOSCH, TEXTAR, REMSA and BIZOL for motor oil.
Responsibilities:
- Initializing new external purchase orders with well various vendors quarterly throughout the year
- Reflecting PO, Invoices and costing items to the data base system
- Performing all the relevant contacts that is required for the purchase orders and logistics
- Examining the damaged items in the warehouse and send a claim report to the manufacturer
- Classify the products in the warehouse according to Movement to the (fast moving , Regular , slow , over slow and Dead stock)
- Send our offers to the customer tenders or provide a quotations for their RFQs
- Supervise the sales team to fulfil their needs of items prices from price lists.

2012 -2014
Instruments and Control engineer
(ASTRA-CON) Local Business Partner (LBP) of Emerson.
Mosul–Iraq
- Calibrating transmitters for customers (e.g.: water treatment plant)
- Pricing control valves and the regulators.
- Writing monthly reports for POR forecasting

Volunteer works

✓ Works of relief and rescue in addition to providing assistance for the poor and the needy, but within my city Mosul and not within civil societies. For example, Distribution of sacrifice to needy families in a campaign of "Eid al-Adha" by the Khalid ibn al-Walid Mosque in the city of Mosul for several years in a row.

Recent published Articles:

MRAC Based PID Controller Design with Genetic Algorithm for a Single Joint Robot Arm
Yazen Hudhaifa Alnema[1], Abdullah I. Alsabawee[2], Jamal M. Ahmed[3]* 2021

Driverless model cars: A review and analysis of autonomous vehicle literature on technology and application
Y Alnema, M Almaged, M Noaman
International Review of Automatic Control (IREACO) 13 (2), 84-92 , 2020

ADAPTIVE CRUISE CONTROL OF A SIMSCAPE DRIVELINE VEHICLE MODEL USING PID CONTROLLER
A Mahmood, M Almaged, MN Noaman, YHS Alnema
Journal of Engineering Science and Technology 16 (1), 681-695 , 2021

Theoretical Smart Design and Control for an Atruamatic Grasper
YH Alnema, MA Ahmed, S Venn
International Journal of Engineering & Technology 7 (3.20), 941-945 , 2018

Theoretical Design of a Leg Module for a Hexapod Underwater Robot
YH Shakir
American Journal of Mechanics and Applications 5 (1), 1-7, 2017

A THEORETICAL DESIGN OF A COMBINED AIR AND GROUND UNMANNED VEHICLE FOR SEARCH AND FOLLOW A DISASTER
YH SHAKIR
Mechatronics and Applications: An International Journal (MECHATROJ) 1 (1), 1-12, 2017

A Proposed Hybrid Algorithm for Constructing Knight Tour Problem by Sudoku Grid