

MOHAMMAD Z. AYASH CV

Evaluator and Monitor of EU Projects

1. Family name: Ayash
2. First names: Mohammad
3. Date of birth: Jul/3/1991
4. Nationality: Jordanian
5. Civil status: Married
6. Education: Bachelor in mechatronics engineering

DATE (FROM – TO)	INSTITUTION	DEGREE(S) OR DIPLOMA(S) OBTAINED:
2008-2009	Taha Hussien	Secondary School
2009 – 2013	Al-Balqaa Applied University	Bachelor

7. Language skills: Indicate competence on a scale of 1 to 5 (1 – excellent; 5 – basic)

LANGUAGE	READING	SPEAKING	WRITING
Arabic		mother tongue	
English	Excellent	Very Good	Very Good
Germany	Good	Basic	Good

8. Membership of professional bodies:

Jordanian Engineers Association

9. Other skills:

- Certificate in management (Build Your Business).
- Very good in computer programming
- Very good in Microsoft Office
- Good in Excel programming
- Good Auditor for financial statement of the European projects
- Certified in AutoCAD 2013
- Certificate in Solid Works Program and advanced PIC.
- Certificate in PIC communication (GSM, XBEE, WIFI, BT, RF), printed circuit board (PCB).
- Certificate in advanced MATLAB, Arduino and JAVA.
- Good in PLC programs (Step7, Mikro Win , TIA and logo) (S7-300, S7-200, Logo, S7-1200).Management

10. Present position:

Research and Teaching Assistant and Auditor (member in quality committee) in German Jordanian University

11. Years within the firm: 8 years

12. Key qualifications (Relevant to the project):

- Certificate in Lead Auditor QMS (Quality Management Assurance) ISO9001:2015 from IRCA.
- Certificate in Lead Implementer QMS ISO9001:2015 from IRCA.
- Auditor and monitor for DESIRE and AT-SGIREs (ERASMUS+ projects)
- Quality assessment for AT-SGIREs European Project (Erasmus+)
- EU projects auditor at GJU (Financial and Technical Auditor)
- Local projects auditor at GJU (Financial and Technical Auditor)
- Quality committee member in school of applied technical science at GJU
- Monitoring and Auditing DESIRE project (EU project 1,000,000)
- Financial Audit for DESIRE project
- Auditing, monitoring and contributing in technical and financial reports of AT-SGIREs and DESIRE projects (EU project) with budget more than 1.9 M euro for both.

13. Specific experience in the region:

COUNTRY	DATE FROM – TO
Jordan	2013 – date

14. Professional experience

	DATE FROM – TO	LOCATION	COMPANY & REFERENCE PERSON ¹ (NAME & CONTACT DETAILS)	POSITION	DESCRIPTION
1.	9/2021 -date	Amman, Jordan	German Jordanian University	Research and Teaching Assistant, Department of Mechatronics Engineering, School of Applied Technical Sciences	Teaching the following Undergraduate-level Courses: 1- Hydraulic and Pneumatic Lab 2- Programmable Logic Controller Lab 3- Mechatronics System Design Lab 4- AutoCAD Lab 5- Automatic Control Lab 6- Automation Lab 7- Sensors and Actuators Lab 8- Simulation and Real Time lab 9- Materials and Mechanics Lab
2.	07/2020 – 10/2021	Zaatari Camp, Jordan	Blumont International Inc.	Innovation Coordinator and Innovation Lab Manager	Coordinator of the innovation lab in Zaatari camp by managing the matter of the capacity building training courses for the local community in Zaatari camp, in addition to the coordination for twenty Home based Business projects and 35 physical prototypes used to solve problems that face the local community there. Manage the Memorandum of Understanding (MoU) between Blumont and other partners in field of innovation and manage the matter of the agreements and the ToT trainings for the beneficiaries.
3.	2/2016 – 8/2019	Amman, Jordan	German Jordanian University	EU and local Projects Auditor, Deanship of Scientific Research	Auditing and Monitoring the following European Projects (Financial and Technical Auditing): <ul style="list-style-type: none"> Inertial focusing for continuous nanoparticles separation in femtosecond laser 3D micromachined curved channels Development of Environmental Engineering Courses and Injection of Climate Change Concept for Undergraduate Curriculum: EU Experience for Jordan and Syria Advanced teaching and training on smart grid and grid integration of renewable energy system Development of Nanoemulsion for psoriasis: establishing a roadmap toward an efficient microfluidization preparation technique and inkjet characterization method Inkjet-printed Respiratory Rate Wearable Sensors for Infants: Toward Remote Monitoring Solutions for Low-setting Villages and Refugee Camps Humanitarian access: pathways for refugees from transit to safe havens Building Innovation Infrastructure via Technology Transfer Offices Conducted IN Jordanian Higher Education Institutions (BITTCOIN-JO) INTERNATION MASTER OF SCIENCE ON CYBER PHYSICAL SYSTEMS

¹ The Contracting Authority reserves the right to contact the reference persons. If you cannot provide a reference, please provide a justification.

DATE FROM – TO	LOCATION	COMPANY & REFERENCE PERSON ¹ (NAME & CONTACT DETAILS)	POSITION	DESCRIPTION
				<p>Auditing and Monitoring the following Local Projects (Financial and Technical Auditing):</p> <ul style="list-style-type: none"> • Design of an Experimental setup for the control of multimode flexible structure using frequency-modulation input shaping technique newly developed at GJU • ""Accounting Curriculum in Jordan Universities and Market Needs"" • Elimination of Tar produced from biomass gasification using Jordanian low cost mineral catalysts • "Development of Prototypes and Experimental testing of modular feet with adjustable adaptive ankle joint" • ""Symbolic and Numerical Algorithms for Simulating Non-Linear Partial Differential equations: Computation and Application"" • "Eigen space of an Integral Cayley Graphs over an Abelian Group" • Implementation of index modulation transmitters for IOT wireless application • Self-Complementary Network • Mathematical and Simulation Modeling for an Effective Healthcare Supply Chain: The Case of Jordan • Prototype products supported by Augmented reality • Development of novel dual-motor spinning system for microfluidic compact discs-toward GJU spin-off company • Attack graph modeling • Modeling and Characterization of wide-bandgap power semiconductor device • Integrated biomass solar water desalination system for underground brackish water in alghore • Three dimensional ultrasound imaging using virtual reality sensing technology • Engineering based economical evaluation of the retired Li-ion batteries from electric and hybrid electric vehicles • Deep Learning Network Approach for Identifying Breast Cancer Tumors • Interaction of Aerosols and Air using Computational Fluid Dynamics • Attracting and maintaining talented employees: how employees can manage their "employer brand" to win the "war for talent" • Measuring entrepreneurial Intention among Secondary School Students in Jordan • Tertiary Student's Entrepreneurial Intentions, Tendencies and Activities: National, Regional and Global: GUESS Project • Toward the Formulation of local Financial reporting Objectives in Jordan

DATE FROM – TO	LOCATION	COMPANY & REFERENCE PERSON ¹ (NAME & CONTACT DETAILS)	POSITION	DESCRIPTION
				<ul style="list-style-type: none"> • thermal performance characterizations for typical residential building in Jordan for different climate zones • A Testbed for Remot wireless Sensing technologies and Its Potential Applications in the 5th Generation Communication System and the Internet of Things
4. 2/2015 – 9/2017	Amman, Jordan	German Jordanian University	Research and Teaching Assistant, Department of Mechatronics Engineering, School of Applied Technical Sciences	Teaching the following Undergraduate-level Courses: <ul style="list-style-type: none"> • Mentioned before in first row
5. 9/2013 – 2/2015	Amman, Jordan	Professional Engineers Company	Research and Development Engineer	Developing printed circuit boards and programming microcontrollers and PLC to control boilers and burners in industries.
6. 3/2015 – date	Amman, Jordan	Jesuit Refugees Services and JWL volunteer	Teacher and onsite facilitator	Teacher and facilitator for Mathematics (Dynamic Algebra) and Science for Refugees from different countries. Onsite facilitators for the professional courses (E-commerce, accounting, creative writing, peaceleaders and learning facilitator) done by Xavier university. .
7. 1/2016 – 9/2019	Amman, Jordan	IBTECAR Company	Trainer	Trainer for Electronic, Microcontrollers and IoT Courses

15. Other relevant information: