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BEIRUT - Talal Abu-Ghazaleh Digital Qualification Academy, a member of Talal Abu-Ghazaleh Global Digital (TAG. GD), signed a cooperation agreement with the Information Technology Learning Solutions (ITLS) with the aim of advancing initiatives in skills development, workforce training, and the provision of accredited certifications across several fields, especially in Artificial Intelligence (AI).

The agreement was signed on behalf of the Academy by Mr. Marwan Abu-Sahyoun, Abu-Ghazaleh Digital Qualification Academy executive director, and Mr. Tarek El Bacha, ITLS CEO, in the presence of the Academy’s Director, Dr. Manal Khater, and AI Expert, Dr. Mohamad Daaboul.

In his remarks following the signing ceremony, Mr. El Bacha emphasized that this strategic partnership represents a significant step toward developing and implementing training programs, pointing out that the objective of this collaboration aims to empower and equip individuals and institutions with digital skills in accordance with the international standards. This is in order to meet the evolving needs of the industrial and technology sectors.

For her part, Dr. Khater referred to the launch of an accredited testing and training center, which will serve as a leading platform for equipping youth with skills across various fields and offering them professional certifications in cooperation with Certiport Pearson. She went on to add that this initiative will positively and effectively contribute to bridging the gap between academic education and the labor market, while enhancing capabilities of the youth.

A Message to Young Arab Innovators

Talal Abu-Ghazaleh

To the young innovators in our Arab region, I offer this message as someone who has spent many years leading international technology initiatives. I have observed how nations progress when their youth understand the richness of their own heritage and how it has contributed to technological advancements in meaningful ways. This is why I believe it is important for you to understand the true lineage of computing technology, and by default AI.

Many accounts in Western media describe the origins of intelligent machines as if they began with the Jacquard Loom or the work of Charles Babbage. This is what I was taught



when attending my first computer course at IBM in the UK in 1965. Their work is undoubtedly important to the field, but what is often missed out is that they emerged from a long history, which has its origins in this region.

The Arab and Islamic world produced engineers whose ideas shaped the foundations of programmable behavior, around six centuries before the industrial era and personalities like Babbage and Loom. The most important figure

from this period is Al-Jazari, who existed at the beginning of the 13th century.

His work remains a central part of the development of mechanical logic called “The Book of Knowledge of Ingenious Mechanical Devices” (كتاب في معرفة الحيل الهندسية), which is one of the most important engineering works in human history, as a practical manual that documents fifty mechanical devices, how they work, and how to build them.

Al-Jazari created machines that required users to make specific adjustments for operational changes. His devices used cams, pegs and rotating drums that allowed the operator to adjust sequences of actions. This meant the machine did not follow a single fixed pattern but followed a pattern chosen by the user. This is the core idea behind programmability.

His musical automaton serves as a direct illustration. The drum pattern and rhythm transformed when rearranging the pegs on the drum. This is a demonstration of structured, modifiable logic. While studying his work, I have seen concepts that closely resemble the fundamental principles that would later form the basis of modern computing.

The complete historical development of his work becomes evident through studying his work in its chronological sequence. Programmable behavior appears in Al-Jazari's

devices in 1206. It appears again in the Jacquard Loom in 1804, then in Babbage's Analytical Engine in 1837, and later in the first software written by Ada Lovelace. Each stage serves as a building block for the next, which must be understood in its entirety in order to produce a true picture of computing development and the personalities behind it. Omitting Al-Jazari's work distorts the entire narrative. Historians need to show the chain of events as they actually occurred and give credit where it is due.

When such important foundational work is absent in the minds of our youth, they believe that innovation is something that happens elsewhere, and that our tradition is detached and has played no part in technological development. This belief becomes self-limiting and weakens the sense of ownership over technology and innovation.

A new Arab scientific and technological renaissance needs a

proper understanding of our history in this area, as well as personalities like Al-Jazari. This strengthens the motivation of young innovators to see themselves as part of a long tradition of engineering and innovation, which encourages a deeper engagement in all technological fields. This results in seeing technology not as an imported idea, but as one that was founded with deep roots in this region that they have a link to.

There are several lessons I hope young innovators will take from this. Progress is built on long chains of ideas, and this region has contributed to these chains in meaningful ways. Accurate history is essential for building confidence and ambition, with innovation requiring both respect for the past and commitment to the future.

I believe we have plenty of inspiring talent in this region to shape the next chapter of technological development, just as Al-Jazari shaped an earlier one.

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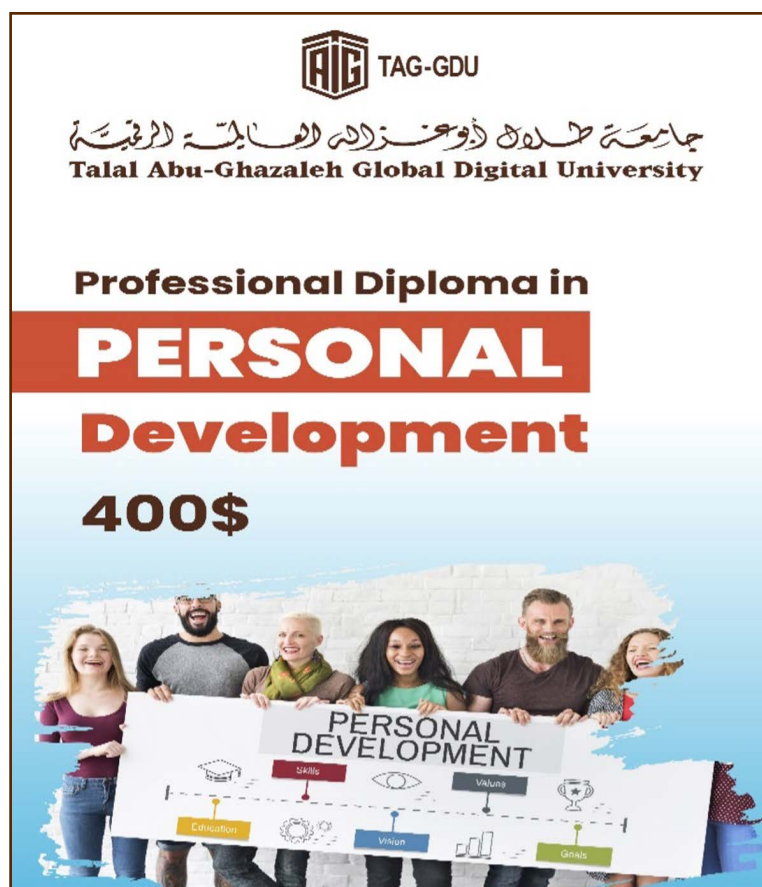
AMMAN – Talal Abu-Ghazaleh Global Digital University (TAG-GDU), a member of Talal Abu-Ghazaleh Global (TAG. Global), announced that registration for its newly-introduced 'Personal Development' diploma for the academic year 2026 is now open.

The Diploma covers seven topics that enable participants to develop their skills and learn keys to success in their future career.

It is worth mentioning that TAG-GDU offers first-class education worldwide to learners, which makes it the best gateway for global education, promoting global citizenship and individual responsibility.

TAG-GDU presents a global educational experience, enabling students from around the world to engage with high-quality postgraduate programs tailored to their needs. Our University's commitment to excellence is reflected in our partnerships with prestigious educational institutions and the caliber of our faculty members, who are experts in their respective fields.

For more information about TAG-GDU, please visit the University website: www.tag-gu.global, or contact us: (06)-5100900 - ext.: 4113/1518.



TAG-GDU
جامعة طلال أبوغزالة العالمية الرقمية
Talal Abu-Ghazaleh Global Digital University

Professional Diploma in
PERSONAL
Development
400\$

PERSONAL DEVELOPMENT
Skills, Value, Vision, Goals

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Tel: + (962) - 6 - 5100 600 | Fax: + (962) - 6 - 5100 601
Email: info@tag-gu.global | website: www.tag-gu.global

PLUS III 7022

CPU: Intel® Core™ i7 1255U
RAM: 8 GB DDR4
Storage: 256 GB SSD + 1 TB HDD
GPU: Intel® Iris®Xe Graphics
Screen: 15.6" FHD 1920*1080 IPS LCD screen
Battery: 4500 mAh
Built in Camera: 2.0 MP
AX (wifi 6) BT 5.1



JD516



PLUS III 5022

CPU: Intel® Core™ i5 1235U
RAM: 8 GB DDR4
Storage: 256 GB SSD + 1 TB HDD
GPU: Intel® Iris®Xe Graphics
Screen: 15.6" FHD 1920*1080 IPS LCD screen
Battery: 6000 mAh
Built in Camera: 2.0 MP
AX (wifi 6) BT 4.2



JD416



PLUS II

CPU: Intel® Core i7 10th Generation 10510U
RAM: 8 GB DDR4
Storage: 256 GB SSD + + 512 GB HDD
GPU: Intel® UHD + Nvidia MX250, GDDR5 2GB
Screen: 15.6" FHD 1920*1080
Battery: 5000 mAh
Built in Camera: 1.0 MP
AX (wifi 6) BT 4.2



JD625



PLUS I

CPU: Intel® Core i7 10th Generation 10510U
RAM: 8 GB DDR4
Storage: 128 GB SSD + 1 TB HDD
GPU: Intel® UHD Graphics
Screen: 15.6" FHD IPS 1920*1080
Battery: 4000 mAh
Built in Camera: 2.0 MP
AC WIFI Bluetooth 4



JD599

UNI

صنع هذا المنتج بكل فخر في الأردن

CPU: Intel I5 1135G7
RAM: 8 GB DDR4
Storage: 256 GB SSD M.2 + 500 GB HDD
GPU: Intel® Iris®XE Graphics
Screen: Touch Panel 14.1" FHD, 1920*1080
Gifts: Fabric Sleeve Case

Battery: 4000 mAh
Built in Camera: 2.0 MP
AC WIFI Bluetooth 4.0

JD490



PRO

CPU: Intel® Core i7 10th Generation 1065G7
RAM: 8 GB DDR4
Storage: 128 GB SSD + 512 GB SSD
GPU: Intel® Iris®Plus Graphics
Screen: 15.6" FHD IPS 1920*1080
Gifts: Fabric Sleeve Case

Battery: 7400 mAh
Built in Camera: 2.0 MP
AC WIFI Bluetooth 4.0

JD595



FLIP

CPU: Intel Core i5 8th Generation 8259U
RAM: 8 GB DDR4
Storage: 256 GB SSD
GPU: Intel® Iris® Plus Graphics 655
Screen: Touch Panel 14.1" FHD,
1920*1080 (10 point touch)
Gifts: Fabric Sleeve Case

Battery: 7000 mAh
Built in Camera: 2.0 MP
AC WIFI Bluetooth 4.2

JD425



EDU

CPU: Intel® Core i3 10th Generation 1005G1
RAM: 4 GB DDR4
Storage: 128 GB SSD
GPU: Intel® UHD
Screen: 14" FHD, IPS 1920*1080
Gifts: Carry bag , USB mouse , Plastic cover

Battery: 4290 mAh
Built in Camera: 1.0 MP
5 GHz AC Bluetooth 4.2

JD310



UNI ©

CPU: Intel Celeron N4100
RAM: 4 GB LPDDR3
Storage: 256GB SSD + 64GB EMMC
GPU: Intel UHD Graphics 600
Screen: 14.1" FHD Resolution 1920*1080

Battery: 4800 mAh
Built in Camera: 2.0 MP
AC WIFI Bluetooth 4

JD195



Special

CPU: MediaTek P60 Octa-Core
RAM: 6 GB
Storage: 128 GB
Android 11
SIM Card: Dual Nano SIM Card
 + TF Card
Camera Front: 16 MP
Camera Back: 20 MP

Screen: 6.52 inch screen with
 720*1600 HD+
Battery: 5900 mAh
Wi-Fi: AC- 5 G WIF
Bluetooth: 4.2
Charger: Type C charging Port
 with Fast Charge capability

Gifts: Screen Protector, Back Cover

JD150



Advanced



CPU: MediaTek Helio P60 Octa-Core
RAM: 6 GB
Storage: 128 GB
Android 10
SIM Card: Dual Nano SIM Card
Camera Front: 16 MP
Camera Back: 16 MP
Screen: 6.3 inch screen with
 1080*2280 FHD+

Battery: 4400 mAh
Wi-Fi: 5 G WIFI
Bluetooth: 5.0
Charger: Micro usb charging
 Port Fast Charge capability

Gifts: Screen Protector, Back Cover

JD144

Plus

CPU: MediaTek Helio A25 Octa-Core
RAM: 4 GB
Storage: 128 GB
Android 10
SIM Card: Dual Nano SIM Card
 + TF Card
Camera Front: 8 MP
Camera Back: 16 MP

Screen: 6.55 inch screen with
 720*1600 HD+
Battery: 4500 mAh
Wi-Fi: 5 G WIFI
Bluetooth: 5.0
Charger: Type C charging Port
 Fast Charge capability

Gifts: Screen Protector, Back Cover



JD136

TAG-PHONE



CPU: MediaTek Helio P60 Octa-core
RAM: 6 GB
Storage: 64 GB
Android 10
SIM Card: Dual Nano SIM Card
Camera Front: 8 MP
Camera Back: 16 MP
Screen: 6.21 inch HD+
Battery: 4000 mAh

Wi-Fi: supports
Bluetooth: 4.2
Charger: Micro usb charging
 Port Fast Charge capability

Gifts: Screen Protector, Back Cover

JD112