

# PRESIDENT'S NEWS DIGEST

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**ASU**  
جامعة العلوم التطبيقية  
APPLIED SCIENCE UNIVERSITY



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## MESSAGE FROM THE PRESIDENT

Welcome to the 32nd issue of the President's News Digest. In this issue, I will cover the subject of Artificial Intelligence (AI).



Nowadays everyone is talking about artificial intelligence (AI) and the way it is going to transform our lives. Although AI has been around for more than 60 years, it is still one of the most topical subjects in Computer Science.

The principles of AI date back to 1950 when the English Mathematician “Alan Turing” published an article entitled “Computing Machinery and Intelligence” which opened the door to the field that would be called AI.

The first time the term “Artificial Intelligence” was adopted was in 1956, at the Dartmouth Conference. Since then, a large number of researchers have been working in this area to apply AI in medical, financial, mechanical, and construction applications amongst many others.

AI is a branch of computer science that imitates human thoughts and actions in order to solve problems using reasoning and self-learning techniques. There are two schools of thought for AI: conventional AI and computational intelligence. Conventional AI is based on machine learning where key areas include case-based reasoning, behavior-based AI, Bayesian networks, and expert systems. On the other hand, computational intelligence relies more heavily on clever algorithms (heuristics) and computation and less on formal logical systems. Examples of computational intelligence include neural networks, fuzzy logic, genetic algorithms, and intelligent agents. Some hybrid intelligent systems are also used to combine the two approaches.

It is expected that AI will transform the world in areas like medicine, education, energy and others. Machine learning is the result of developments in AI and many researchers predict that machines will be as intelligent as humans and in many instances replacing them creating fear that unemployment may go up in many industries. In the 50's John McCarthy, who is known as the father of AI, developed the LISP programming language, which became important in machine learning.

According to recent research, the top ten areas where AI is applied are: astronomy, construction, agriculture, sports, entertainment, education, healthcare, banking, e-Commerce, and Marketing. Future technologies like robots and automated systems will largely depend on the advancements of the field of AI. Therefore, it is important that universities offering Computer Science programmes have a pathway in AI and also to direct their staff research to this area as the future of computing will rely heavily on such advancements.

In the field of education, AI is foreseen to improve the learning experience of students through customisable learning approaches, AI-based tutors, customisable content of text books and learning materials, and life long learning . Therefore, and without any doubt, AI will make the educational experience more interesting and engaging to both teachers and students.

To conclude AI is a future technology that will reshape our lives and perception to industry, services, interaction with the environment and foremost the way we teach and learn. However, it will never replace instructors or teachers, as learning is a social interaction process but it will help automate many processes and activities that facilitate learning.

## INTERVIEW OF THE WEEK

We would like to feature the interview this week with:



Name: Danah Mohamed Ahmed Alzari

Position: Administrator at the College of Arts and Science

### 1. Tell us about yourself: (Your childhood, academic background)

Childhood is really the golden period of one's life and I have beautiful memories with my parents and my two sisters.

I was born in Muharraq - Bahrain, 1994. I obtained my BSc degree in Accounting and Finance from University of Bahrain in 2017.

Single.

### 2. Tell us about your job at ASU

My job at the College of Arts and Science is focused on arranging meetings, scheduling events, distributing incoming and outgoing mail, preparing reports, and organizing, storing and printing documents as needed.

I'm happy with my job working with such wonderful professors and students.

### 3. Tell us about your aspirations for the University

Wishing ASU all the good luck in the world.

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## QUOTE OF THE WEEK

*"AI is a tool. The choice about how it gets deployed is ours."*

**Oren Etzioni**

## INTERVIEW WITH ALUMNUS



Name:	Yusuf Jaafar Hamza Albahri
Workplace:	Supreme Judicial Council
Academic Degree	Bachelor
Academic Major	Law
Tell us about your Experience at ASU in terms of learning environment and teaching methods.	I am satisfied with the teaching and learning activities which include workshops, research lectures and seminars and external visits.
What did you enjoy the most about your experience at ASU?	I mostly enjoyed ASU's library. It is indeed a state-of-the-art facility, with one of the widest collection of legal books.
Tell us about a success story you have had during your study at ASU.	The knowledge and experience I gained from ASU made enabled me to get a job at The Supreme Judicial Council which is responsible of supervision of the operation of courts and their associated organs, recommending the appointment and promotion of judges and members of the prosecution, and everything relating to them, and proffering of its opinion on justice and prosecution-related law bills..
In your Opinion, what are the improvement areas you would like to see at ASU in the future?	External visits to courts in other countries in order to have the chance to compare their judicial systems and experience to the Bahraini judicial system.
Final words	I would like to say to my fellow students: Stay focused, go after your dreams and keep moving towards your goal

Interviewed By: Maheera Faisal, Alumni Affairs Committee  
Chair; ASU Alumni Club

### 4. What do you enjoy most about your job?

Dealing with students and helping them if they have any problem.

### 5. Tell us about your hobbies

Playing online games, sports and reading books.

### 6. Tell us about your favourite food

Seafood and Sushi.

### 7. Tell us about the book you are reading now

Now I'm reading "المعقد - م. عبدالوهاب السيد" الرفاعي

### 8. Final words

Thank you so much for taking the time to meet with me. I really enjoyed talking with you and I wish ASU all the best.

*Happy Reading!*