

The Source

MAY 2023

42

أبوظبي
ABU DHABI

Generation: **جيل**



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A Message from Marcos Muller Habig

The 42 Network continues to climb the ranks!

I'm thrilled to announce that the 42 Network has been ranked as #1 in the WURI Top 50 – Ethical Value. The 42 network has also climbed the ranks and secured its position in 6th place for the Global Top 100 Most Innovative Universities. This is an incredible achievement for the 42 Network, and we at 42 Abu Dhabi are honoured to be part of this milestone.

We are incredibly grateful for everyone's efforts towards driving our mission to equip future generations with the coding skills needed to excel in this fast-paced digital landscape. We are also proud to witness the exceptional success of 42 Abu Dhabi, the first-of-its-kind school in the GCC, as we continue to revolutionize traditional learning through our peer-to-peer model.

This top ranking is just the beginning of what we hope to accomplish. We are committed to continuing to innovate, grow, and create a learning environment that fosters creativity, innovation, and excellence. We look forward to working together towards our shared vision of creating a brighter future for our students and our community.

A MESSAGE FROM
MARCOS MULLER HABIG





Did you know?

We're getting closer to the possibility of experiencing VR with five senses!

Scientists have come up with a new way to introduce odours into virtual reality via small, wireless interfaces. Creating smells in virtual reality is a vexing problem that has prevented consumer VR devices from offering a full sensory experience in most settings. To tackle the problem, Yu and his co-author, Yuhang Li of Beihang University in Beijing (both of whom have backgrounds designing flexible electronics), developed two wearable interfaces. One can adhere to the skin between the nose and mouth like a bandage; the other straps on beneath a headset like a face mask.

Both types of interfaces use miniaturized odour generators, a grid of tiny containers filled with perfumed paraffin wax. When a heat source beneath the wax is activated, the wax heats up, essentially becoming a scented candle capable of reproducing multiple odours within 1.44 seconds, according to Yu and Li. When the experience is over, a copper coil kicks a magnet to tamp down on the wax and cool down, ending the scent.

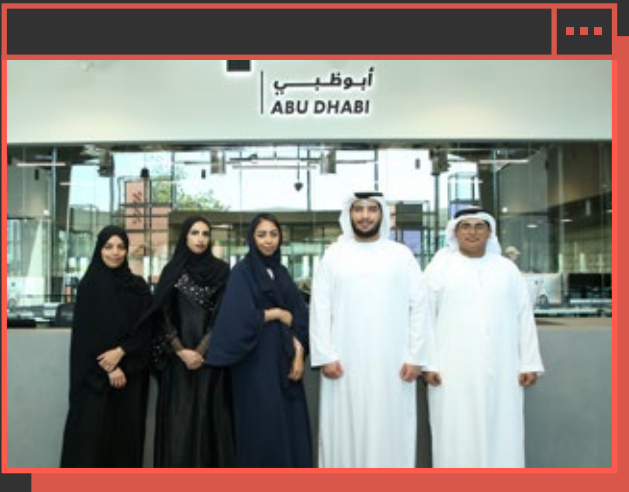
Medically, scent-equipped VR could be helpful for people who have anosmia, or an inability to smell, according to Yu. Scents can also be therapeutic for patients with memory issues and might even help with mood improvement. Read more about this new technology [here](#).

* Source: **MIT Technology Review**

What's up at 42 Abu Dhabi?

Ask Me Anything (AMA) Session

AMA sessions are definitely a students' favourite! At 42 Abu Dhabi, we make sure to always listen to our students' thoughts and suggestions when it comes to how we can drive the success of our school and tackle any concerns that rise along the way. These sessions are a high-impact way for us to build trust and transparency by staying accessible and deepening engagement with our students. These discussions also provide valuable insights and offer our students with new perspectives on challenges with which they struggle.



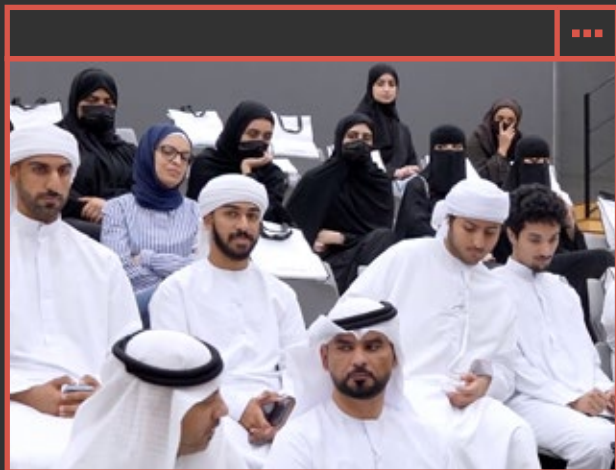
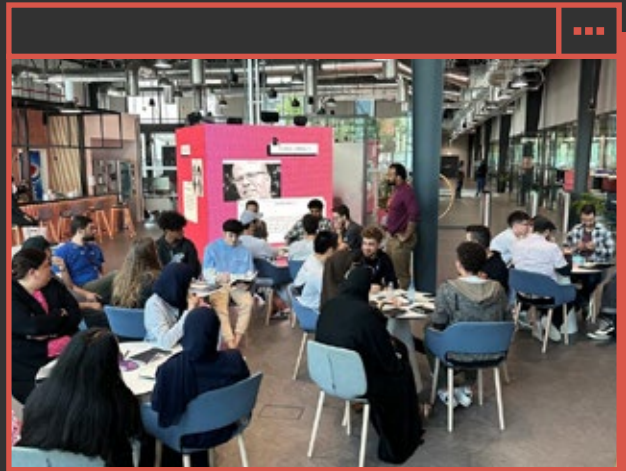
Department of Energy Students Meet with Dr. Ahmed Al Shoabi

Our students from the Department of Energy recently met with Dr. Ahmed Al Shoabi, Executive Director of Higher Education, to discuss their learning journey at 42 Abu Dhabi and their future career aspirations. The DOE has contributed AED

1 million and sponsored five exceptional students, including UAE nationals & an expat, to pursue their coding and software development careers. DOE's investment in talent development is playing a crucial role in advancing the UAE's tech ecosystem & shaping a brighter future.

Problem Solving Workshop with BEACON RED

Our students recently participated in a problem-solving workshop to explore tools and strategies that enable them to tackle daily challenges which they may face during their learning journey or their personal lives. The workshop was delivered by our partner, BEACON RED, and we look forward to organising more insightful workshops in collaboration with our lucrative network of partners.

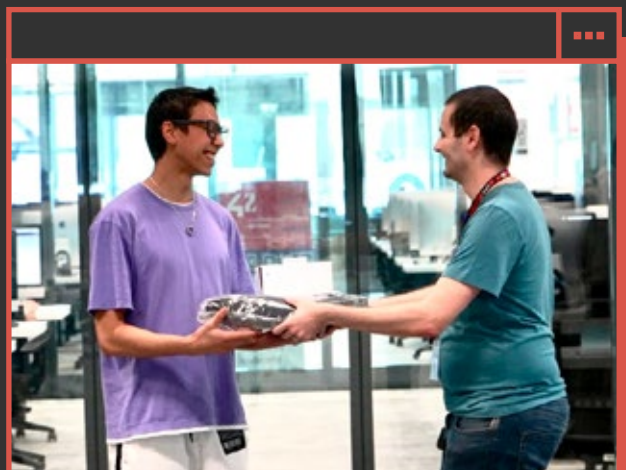


Emirates Schools Establishment Visits 42 Abu Dhabi

During the informative session and collaborative meeting between the Emirates Schools Establishment and 42 Abu Dhabi, the esteemed guests from the Emirates Schools Establishment expressed a keen interest in the innovative educational model of 42 Abu Dhabi. They also highlighted the potential for deepening the partnership between both institutions in the future.

Celebrating the Most Active Pisciner – Yassine Mrabeti

This month, we want to shine a light on Yassine Mrabeti, who was our most active Pisciner in May. Yassine has demonstrated an unwavering commitment to elevating his coding skills every day, consistently pushing himself to new levels of understanding and mastery. At 42 Abu Dhabi, we will continue to create a supportive and encouraging community that honors and uplifts all our students at every turn.





42 Abu Dhabi in the Press

Our brilliant women coders at 42 Abu Dhabi were recently interviewed by Gulf News, where they shared their achievements, challenges and future aspirations. Read more about their stories here.

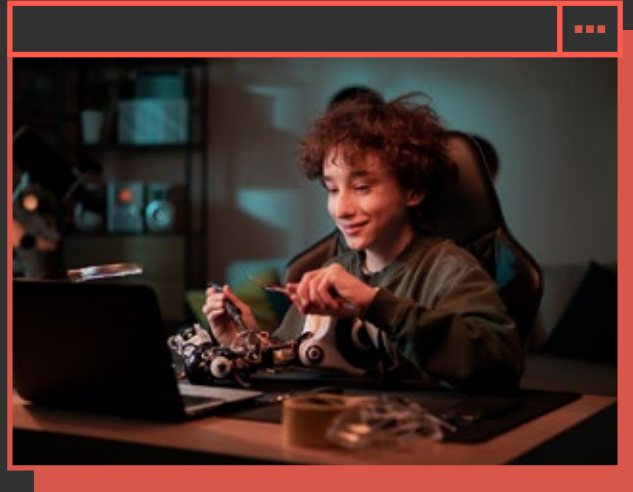


Upcoming Events at 42 Abu Dhabi

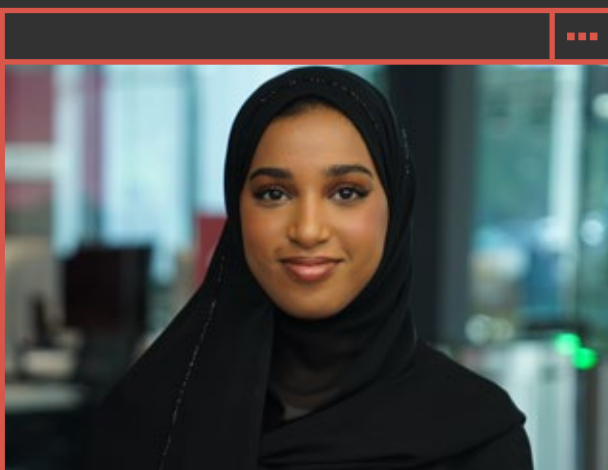
Hosting Code Battle - Abu Dhabi & Al Ain Interschool Hackathon

iCodejr, the STEM accredited, licensed online coding academy for school children, has partnered with 42 Abu Dhabi to host the grade 9-13 segment of the Abu Dhabi Chapter of Code Battle, scheduled for 30 September. Grades 1-8 of the Abu Dhabi Chapter will be hosted on 1 October.

Code Battle is an in-person annual inter-school coding competition for students to enhance collaboration, build cognitive creative skills, and showcase their coding proficiency. Students from Grades 1-13 from various schools across the UAE compete in 3 grade groups: 1-4, 5-8 & 9-13 - and the winning teams from each Emirate get a chance to compete for the 'National Level Grand Champions' title.



A Message of Inspiration from Meera Khamis Aljneibi



Learning to code is a challenging yet rewarding journey. As a student at 42 Abu Dhabi with a degree in Management of Information Systems, you understand the importance of coding in shaping the future. It's not always easy, but the drive to create, solve problems, and make a positive impact keeps you motivated. Coding encourages logical thinking, boosts your creativity, and opens up diverse job opportunities in a digital world. Embrace the challenges, celebrate your achievements, and let your passion guide you to success.



Social Media Competition Champ -

A special shout-out goes to Ayesha Nipa for winning our social media competition and ranking in 1st place!



Staff Interview Dr. Sanaa Elyassami

1. Can you tell us more about your role at 42 Abu Dhabi?

As a member of the academic team at 42 Abu Dhabi, my role is to provide mentorship and support to students as they navigate their educational journey. With my background in AI and computer science, I bring knowledge and expertise to guide students in their skill development and career exploration, equipping them with the necessary tools to excel in the tech industry.

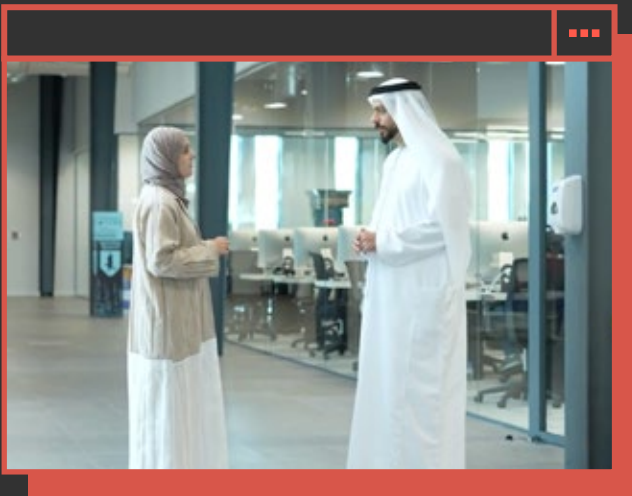
By staying updated with the latest advancements and industry trends, I ensure that the guidance I offer remains relevant and aligned with the dynamic tech landscape. Through the provision of resources, personalized support, and a nurturing learning environment, my aim is to empower students to make informed career choices and thrive professionally.



2. What do you think is the key factor that enables the peer-to-peer model to succeed?

Successful peer-to-peer learning thrive through mutual benefit, accountability, and feedback loops. In a peer-to-peer model, individuals directly interact and engage with each other. Each party should feel that their contributions are meaningful and that they receive something of value in return. This mutual benefit encourages continued participation and collaboration. Successful peer-to-peer learning incorporate mechanisms for accountability ensuring reliable contributions and fostering trust. Students should be accountable for their commitments, and there should be processes in place to ensure the quality and reliability of contributions.

This helps maintain trust and enhances the overall success. Moreover, feedback loops and iteration encourage continuous improvement, allowing peers to provide input, make suggestions, and refine their learning. Together, these factors create an environment that promotes collaboration, trust, and success within the peer-to-peer learning model.



3. What makes a great 42 Abu Dhabi student?

A great 42 Abu Dhabi student possesses curiosity, resilience, collaboration skills, problem-solving abilities, self-discipline, adaptability, creativity, a strong work ethic, a continuous learning mindset, and upholds integrity and professionalism. They are driven by a hunger for knowledge, embrace challenges, work well in teams, think critically, manage their time effectively, adapt to change, think innovatively, demonstrate dedication, value lifelong learning, and uphold ethical standards.

These qualities enable them to excel in the program, contribute positively to the learning community, and prepare for a successful future in the field of technology.



4. What are some of the key trends in the education sector?

In the education sector, several key trends have emerged that are shaping the way we learn and teach, such as micro-learning and the metaverse. Micro-learning involves delivering learning content in bite-sized, easily digestible modules, enabling learners to access and absorb information efficiently. It promotes just-in-time learning, allowing students to acquire knowledge and skills on-demand, fitting into their busy schedules.

On the other hand, the metaverse refers to a virtual space blending physical and digital realities that offers immersive and interactive experiences, where students can engage in collaborative learning, explore virtual environments, and simulate real-world scenarios. Both micro-learning and the metaverse are transforming education by providing flexible learning options and enhancing engagement, paving the way for a more dynamic and inclusive learning landscape.





Coders Spotlight - Ammar AlBreiki

Q1. Tell us a bit about your background

During my bachelor's degree, I specialized in Biomedical Engineering, which involves learning concepts and methods to combine state-of-the-art technology with medicine. While completing my studies, I decided to dive deeper into the field of technology and prosthetics, to be able to directly support patients with disabilities, provide them with the means for rehabilitation and offer them opportunities for independence.



Q2. What inspired you to enter the coding field?

The concept of developing a creative idea with the help of technology has always given me a sense of excitement. Growing up, I was always a creative individual with a knack for solving puzzles and challenges. I'm also passionate about creating new projects from A-Z by applying my coding knowledge then testing them to explore how they can be improved.

Q3. What are the challenges that you have faced during your learning journey?

As a person who sometimes struggles with reaching out to people when I require assistance, the peer-to-peer model has definitely pushed me out of my comfort zone, as it requires constant communication with other students to collectively solve any challenges.

I also joined 42 Abu Dhabi without coding background, but I'm learning and evolving everyday, and I think that this is the most important thing. With the support of my colleagues and the helpful staff here at 42 Abu Dhabi, my confidence grows everyday, and I'm looking forward to the learning journey that lies ahead.

Q4. Why is it important to learn coding?

Learning how to code enables us to secure career opportunities with top companies across all vital industries. It also allows us to keep pace with all the daily innovations that are being developed through coding to make people's lives easier and more convenient.



Upcoming Piscine Dates

10th July - 3rd August

4th Sep - 28th Sep

