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WEEKEND LIVING IN THE DIGITAL AGE

NARRATED BY A YOUNG MANAGEMENT TRAINEE

THE OFFICE

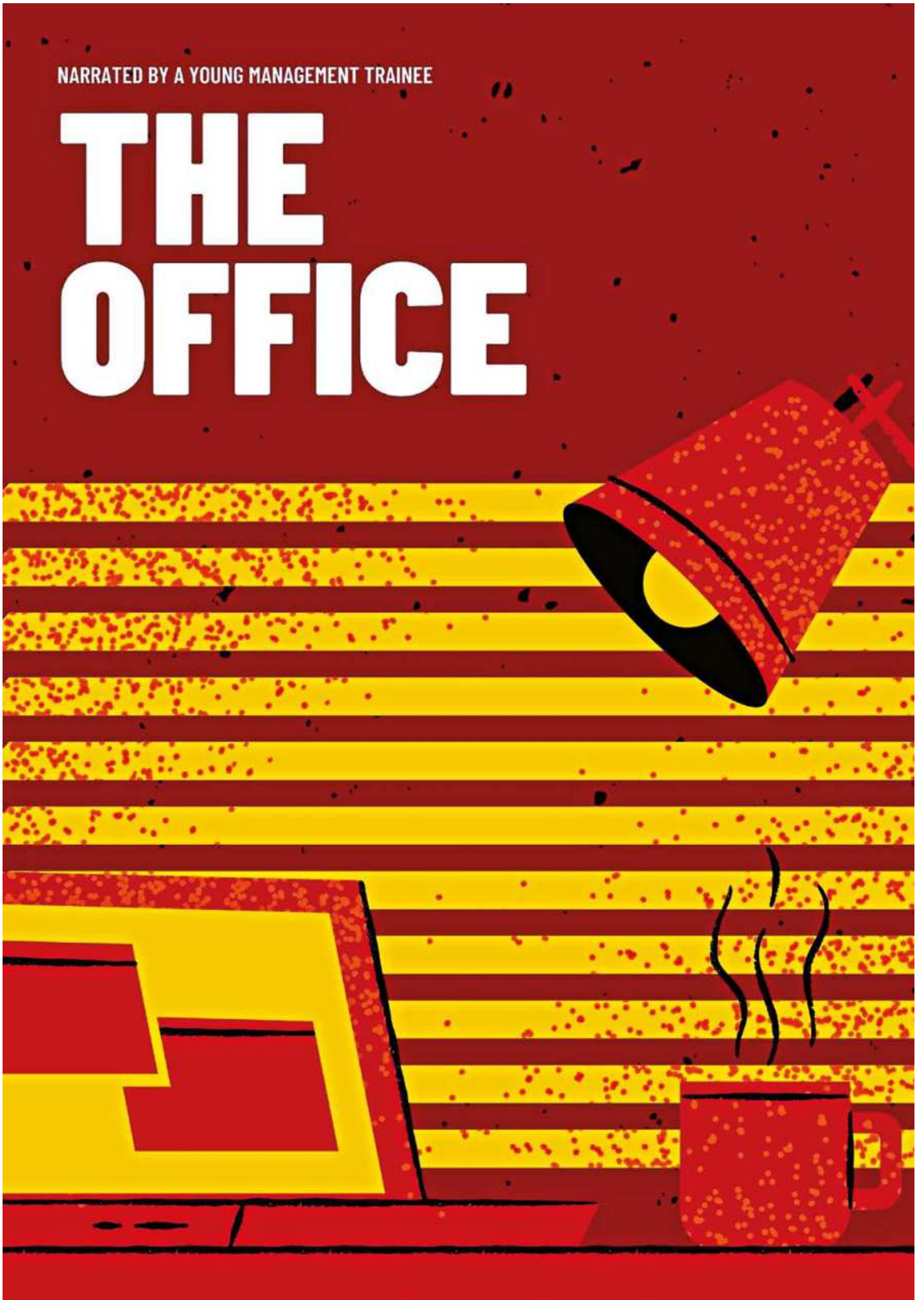


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World's first re-programmable commercial satellite set to launch

The European Space Agency will on Friday launch the world's first commercial fully re-programmable satellite, paving the way for a new era of more flexible communications.

Unlike conventional models that are designed and "hard-wired" on Earth and cannot be repurposed once in orbit, the Eutelsat Quantum is based on so-called software-defined technology that allows users to tailor the communications to their needs -- almost in real-time.

"When a satellite is launched, demand and markets can change over time," Elodie Viau, the agency's telecommunications and applications director, told AFP recently. "A satellite that is not 'fixed' and can adapt to customers gives us better prospects."

A successful launch would pave the



way for mass production of the satellites, which have so far been one-offs. The Quantum will be part of the payload for an Ariane 5 rocket due to launch from the Guiana Space Centre in Latin America between 21:00 and 22:30 GMT on Friday.

In addition to the Quantum, to be operated by Paris-based Eutelsat, the rocket will also deploy a conventional satellite for Brazil's Embratel. Because it can be reprogrammed while orbiting in a fixed position 35,000 kilometres (22,000 miles) above the Earth, the Quantum can respond to changing demands for data transmission and secure communications during its 15-year lifetime, ESA said.

The 3.5 tonne Quantum model has eight communications beams, each of which can be modified to change its area of coverage and also the power of the telecommunications signal it emits. Using software made available to the customer, these changes can be made "in a matter of minutes", according to Eutelsat.

This means the satellite can be used to provide mobile coverage for moving objects such as aircraft or oceangoing vessels, or to provide coverage after a natural disaster or for one-off events. And at a time of growing concern over digital security -- as well as the possible weaponising of space -- Quantum is able to pinpoint the origin of signals "emitted with or without malicious intent" and take action to remedy the interference, Viau said at a press briefing on Thursday.

The Quantum will cover a large geographical area from West Africa to Asia for 15 years.



Astronomers seek evidence of tech built by aliens

An international team of scientists led by a prominent Harvard astronomer announced a new initiative Monday to look for evidence of technology built by extraterrestrial civilisations.

Called the Galileo Project, it envisages the creation of a global network of medium-sized telescopes, cameras and computers to investigate unidentified flying objects, and has so far been funded with \$1.75 million from private donors.

Given recent research showing the prevalence of Earth-like planets throughout the galaxy, "We can no longer ignore the possibility that technological civilisations predated us," Professor Avi Loeb told reporters at a news conference. "The impact of any discovery of extraterrestrial technology on science, our technology, and on our entire world view, would be enormous," he added in a statement.

The project includes researchers from Harvard, Princeton, Cambridge, Caltech and the University of Stockholm. It was announced a month after the Pentagon released a report about unidentified aerial phenomena, which stated that their nature was unclear. "What we see in our sky is not something that politicians or military personnel should interpret, because they were not trained as scientists, it's for the science community to figure out," said Loeb, adding that he hoped to increase the project's funding tenfold.

Apart from studying UFOs, the Galileo Project wants to investigate objects that visit our solar system from interstellar space and search for alien

satellites that might be probing Earth. Loeb refers to such research as a new branch of astronomy he calls "space archaeology," intended to complement the existing field of the Search for Extraterrestrial Intelligence (SETI), which mainly probes for alien radio signals.

These endeavours will require collaborations with existing and future astronomical surveys, including from the Vera C. Rubin Observatory in Chile that is due to go online in 2023 and is eagerly awaited by the scientific community.

The 59-year-old Israeli-American has published hundreds of pioneering papers and collaborated with the late Stephen Hawking but created controversy when he suggested an interstellar object that briefly visited our system in 2017 could have been an alien probe sailing on solar winds. He laid out his arguments in scientific papers and the book "Extraterrestrial: The First Sign of Intelligent Life Beyond Earth," which placed him at odds with many in the astronomy community.

The new project is accordingly named after Italian astronomer Galileo Galilei, who was punished when he provided key evidence for the Earth not being at the centre of the universe. The project's co-founder Frank Laukien, a visiting scholar at Harvard's chemistry and chemical biology department, declared himself the "resident sceptic." But he said that, rather than dismissing the ideas outright, it was necessary to "agnostically record and interpret the data according to the scientific method."

Elon Musk's Neuralink raises over \$200 mln from Google Ventures, others



Billionaire entrepreneur Elon Musk's brain-chip startup, Neuralink, has raised \$205 million in a funding round led by Dubai-based venture capital firm Vy Capital, with participation from Alphabet Inc's Google Ventures, the company said on Thursday.

Neuralink aims to implant wireless brain computer chips to help cure neurological conditions including Alzheimer's, dementia and spinal cord injuries and fuse humankind with artificial intelligence.

The company released a video in April showing a male macaque playing a videogame "Mind Pong" after getting chips embedded on each side of its brain.

"First Neuralink product will enable someone with paralysis to use a smartphone with their mind faster than someone using thumbs," Musk tweeted in June.

EDITOR'S NOTE

A very different beginning

As I write this note, I have lost count of how many days it has been since we've resorted to home-office. It takes a toll on your mental health, and I can't begin to imagine what a different world it must be for those who are just beginning their careers. How does it feel to start your professional career in an uncertain world, stuck at home? Hear from our guest author this week in centrefold.

As for the rest, we are back this week with your comprehensive August Netflix viewing guide. For Shift, we gush about the Renault R5 Turbo. For Bytes, we dive deep into the 'Metaverse'.

That's it. Hope you have a fantastic weekend!

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"The device is implanted flush with skull & charges wirelessly, so you look & feel totally normal," he added. Valor Equity Partners, Craft Ventures and Founders Fund also participated in the series C funding round. Co-founded by Musk in 2016, San Francisco-based Neuralink will use the funds to take its first product, N1 Link, to the market, and for research and development.

Musk has a history of bringing together diverse experts to develop technology previously limited to academic labs through companies such as Tesla Inc, SpaceX and Boring Co.

SpaceX, a private space company, said in an amended regulatory filing in April, it had raised about \$1.16 billion in equity financing.

Career paths for Mechanical Engineering students

SAMILA SOBHAN

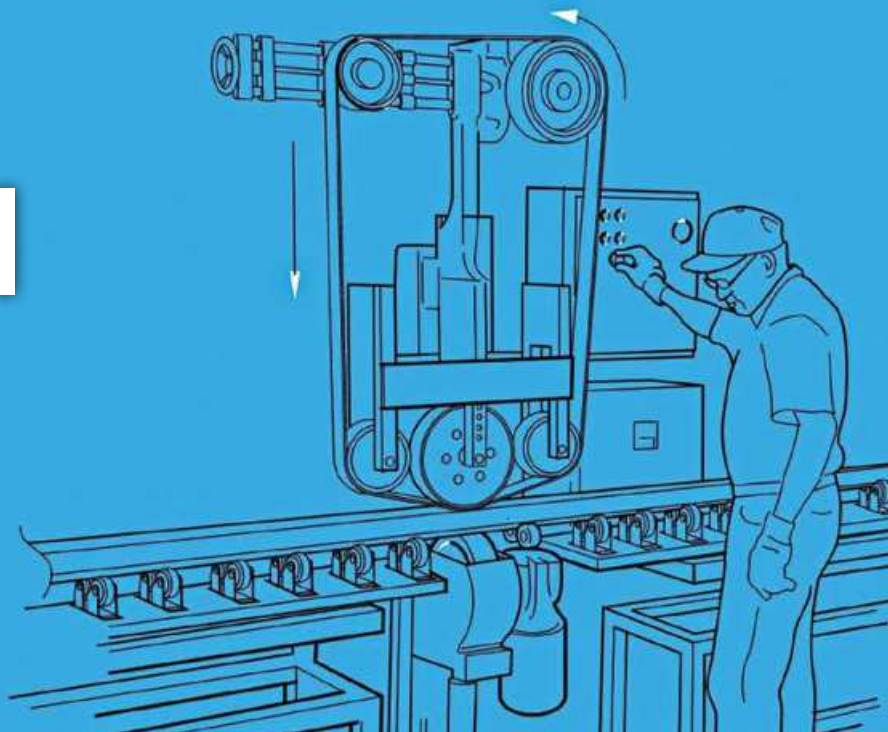


ILLUSTRATION: ZARIF FAIAZ

Mechanical Engineering is the category of engineering that combines physics phenomena with materials to analyse problems, develop, design, manufacture and investigate faults in machines.

Mechanical engineering tends to provide a broad understanding of the technical aspects, but also is versatile, thus allowing you to choose from an array of assorted career choices.

All public engineering institutions and some private universities in Bangladesh offer Mechanical Engineering degrees. Considering one of the most intriguing types of engineering, the following are a few of the careers that can be beneficial for aspiring mechanical engineers.

MECHANICAL DESIGNER

A Mechanical Designer plays an integral role at the initiation of any project as their roles are intertwined with the planning process. They explore new ideas and draft the blueprints of instruments or products using software and tools like SolidWorks and AutoCAD.

Farzana Ahsan, a Mechanical Engineer graduate from MIST says, "Mechanical designers are crucial to the lifecycle of a product development process as the parts for productions are assembled based on the 3D models and prototypes they build."

Moreover, they have to formulate budgets and determine production costs accordingly.

Mechanical Designers also have the liberty to work as freelancers. Designers are required to have communicative and interactive skills as a key part of their job is to engineer requirements from the clients.

A good designer is likely to have

excellent problem-solving skills, creativity, and analytical skills.

A Bachelor's degree in Industrial or Mechanical Engineering is a prerequisite for the profession.

INDUSTRIAL ENGINEER

Industrial Engineers master in optimisation of processes and devise, build and implement optimised and efficient integrated systems. Industrial Engineering provides comprehensive vocational training on how to operate and comprehend machines and manufacture products with utmost efficiency, simultaneously minimising costs.

Industrial Engineers are often found in garments and manufacturing factories, where they also carry out responsibilities like managing the workforce and provide supervision and technical support.

A Bachelor's degree in Mechanical Engineering or Industrial and Production Engineering should suffice for said role. Many opt for an MBA as it provides insights into areas such as logistics, operations, and supply chain management.

QUALITY CONTROL ENGINEER

A Quality Control Engineer functions in designing and implementing techniques best suited for the product development procedure. They furthermore monitor and control the services by contriving quality assurance indexes and devising tests and strategies for evaluation, documentation of materials, products and workforce updates and reporting while adhering to the guidelines and standards issued by the organisation. Troubleshooting problems having to do with quality and standards is also a bullet point in the job description.

A Bachelor's Degree in Mechanical or General Engineering is adequate; a Master's degree amplifies the chances of being recruited. Recruiters prefer candidates who possess analytical skills and are detail-oriented, with good data-entry and documentation skills.

SUPPLY CHAIN MANAGEMENT PROFESSIONALS

Many engineers with a mechanical engineering major go for supply chain management. SCM is responsible for the planning, processing and management of raw materials and other various kinds of resources starting from supply to end products.

Although the job responsibilities are loosely related to the contents of mechanical engineering, many companies and factories hire engineers for their supply chain management departments because of their widespread material and equipment knowledge during purchasing.

For the smooth execution of projects in construction sectors, logistics and operation management over the recent years, there has been an exponential demand for supply chain management experts in every technological and development field. Dealing with vendors and distributors for the supply of parts and materials is amongst the daily responsibilities of supply chain managers; therefore communication plays a key role.

An MBA in supply chain or logistics management is frequently done as it complements a bachelor's degree in engineering.

AUTOMOTIVE ENGINEER

An automotive engineer designs and analyses engines, fuel systems, brakes,

and transmissions of cars and other vehicles. They invent and implement new technology in vehicles. Daily tasks primarily involve researching new technologies, generating production costs, building and testing on prototypes (therefore, creativity is a plus), and ensuring workplace safety.

Automotive engineering enthusiasts enter mechanical engineering programs because of the apparent parallels that these programs share, as only a few schools offer a degree in automotive engineering.

Currently studying mechanical engineering in MIST, Towhidul Islam talks about his career following graduation. "I have always wanted to pursue my career in the automotive industry. Courses like mechanics of materials and heat transfer help to acquire fundamental knowledge about automobile systems," he says.

"Moreover, I think CAD and simulation play a vital role, not only in automotive engineering but in mechanical engineering as a whole. Thus, it is imperative to possess these software skills along with theoretical knowledge," he adds.

Brilliant mechanical skills, proficiency in mathematics, time management, and being able to solve problems preemptively will help you land an entry-level job in automotive engineering.

With Bangladesh extending deeper into the automotive industry by bringing its first home-produced vehicle, Bangladeshi engineering students can anticipate a subsequent growth in automotive jobs, just around the corner.



Tomorrow's Chattogram is being built
connecting both sides of the river Karnaphuli

Bangabandhu Tunnel
is being built with BSRM

COUNTRY'S NO. 1 STEEL EXPERT

BSRM
building a safer nation



The French revolution

AHBAAR MILKY

Necessity indeed is the mother of all inventions, and the Renault 5 Turbo. Renault had to annoyingly road legalise the R5 Turbo in order to homologate the gravel going, rally racing variant in order to play with the other kids over in FIA group 3 and 4 rally racing (let me save you the recap, Quattro turned out to be a bully).



And so, born from not so humble beginnings, 1000 road legal R5 Turbos were churned out. Penned by the legendary Marcello Gandini, the man behind most of Italy's postercars, the R5 Turbo had cartoonish looks to boot, so much so that Bulma drove one in Dragon Ball, and supercar reckoning performance to kill (an actual supercar of the day).

All that extra aluminium bodied, fiberglass over fendered flamboyance did not please the factory accountant though, which is why, the evolution of the R5 Turbo, the Turbo II, ditched the bespokeness. The previous Turbo had an interior Napoleon would approve of, although he wouldn't have liked the gorgeous Bertone designed bucket seats.

The Turbo II received a transplanted interior off of a run off the Renault mill R5, which meant the prices dropped, and Renault churned Turbo 2's out until they couldn't take it anymore. The mid-engined supercar drivetrain blueprint did live on later with the Clio V6 Renaultsports.

Nearly 40 years later, I came across an Instagram post by Legende Automobiles, and immediately sent it to the group chat.

"They Automobili Amos'd/Singer'd/Alfaholic'd the R5 Turbo!" is what the general consensus was. Restomodding and companies like Singer have become synonymous to an extent where you couldn't even pick out the lie here.

The Legende Automobiles Turbo 3,

staying true to the Renault nomenclature retains 100% of the cartoonish appeal of the original R5 Turbo, even the stupefying Bertone buckets.

The interior is nothing short of a Singer DLS makeover, with a digital dash being the only digital substance. The doors retain the ever so 80's Turbo stickers. If Cyberpunk 2077 opted for the R5 Turbo instead of the 911 as the halo car, the Turbo 3 would unquestionably be it.

The original car was propelled by a 1.4-litre Turbocharged inline-4 coyly delivering around 178 turbo lag riddled and galloping horsepowers. The Turbo



3 teased 400 horsepowers while keeping the rest of the details in the dark. Rest assured your youtube homepage will be set on fire after journalists get their hands on it.

Which begs the question; should manufacturers start making retro versions of their cars? Every significant restomod ever has, in this day and age, set the internet and subsequently, the universe of cars on fire.

This year's Goodwood festival of speed saw Kimeria Automobili, a brand that I have never, up until a week ago, heard of debut a modern take on the Lancia 037.

The same could be said about Automobili Amos and their take on the Delta Integrale, the Futurista. Even more so, add electric into the mix and you have a futureproof business plan if you're a manufacturer; Totem Automobili's electric Giulia GT.

The only caveat in your bulletproof plan being you'd have to charge a ridiculous amount of money in order to not go under, which is exactly what Singer and the likes are doing. The question then morphs into a matter of exclusivity but let's end here.

Here's a food for thought; Who wouldn't like a brand new, retro rerun of their favourite discontinued car from the past, just like Nike does with Jordans now and then?

Starting your career during a pandemic: the diary of a management trainee

MAISHA M. YUSUF

For recent graduates, landing their first professional job in a virtual office amid a pandemic can be chaotic and confusing, as they transition from online classrooms to online meetings. As work moved online, along with all graduate programs, fresh graduates joining in any management trainee programs recently need to adapt in their ways to make the most out of the trainee programs during this formative time of their careers.

While starting at my first full-time job amid a global pandemic, I was constantly reminded of my impeccable luck for having offered a job while my peers and seniors struggled and were furloughed even. But the reality of the matter is, we not only went through assessment centres designed for the pre-pandemic era but also were further tested with our taste in curtains and getting one's personality across an 11 by 8-inch screen while second-guessing the impact of our responses from the poker faces of an assessor, made sterner with buffering screens; a challenge no free professional coaching videos on YouTube prepared us for.

Having missed out on formative experiences like attending graduation or orientation week at the office, the transition from university classes to online meetings was almost immediate with very little differentiation.

Having survived nearly a year since then as a management trainee, here is my attempt to identify how a global pandemic might have influenced my formative year as a young professional and how it might shape my career path as I progress, supported by well-researched articles, sources and opinions from peers at similar levels.

FINDING YOUR NETWORK

I'm among the oldest Gen Z'ers who are ready to make up nearly 25% of the global workforce, from early to mid-career positions, in the next four years. Management trainee or not, initial onboarding and networking with peers and coworkers are one of the most pivotal and crucial experiences and is required to later grow up the ladder.

Hence, companies in Fortune 500 have quickly and in some cases frantically adapted to online platforms for

onboarding new joiners and attempted to replicate organic office chit-chats in multiple social media like platforms. This only created further confusion and anxiety as a new joiner, trying to belong, impress and network.

What would have been colleagues sitting next to us, showing us the ropes of navigating through hundreds of unspoken organizational rules and casual lunches with cross-functional teams, who would let us in on the gossips; we are now sliding into Microsoft Teams chats, all the while praying the person on the other side of the screen is not going through an existential crisis or worse, sharing screen to present.

My personal approach here was to reach out to team members individually after any meeting or sessions with follow up questions as a conversation starter. However, that can come with the pitfall of looking overly attention-seeking, along with the common and somewhat negative perception of Gen Z'ers wanting to be catered to. But the risk outweighs the benefit of creating a network in the early days of a career despite the lack of physical presence.

to prove our worth is always an all-time high, even more so during a pandemic, to show our employers that they have made the best choice and we set out to do so by accomplishing all goals at the shortest possible time, which is not always sustainable as we progress in a career with bigger deliverables. Not only can it prove stressful when working with teams to manage deliverables but also can increase the risk of reaching burnout at a faster rate than others.

Being able to see the bigger picture and prioritization can be one way of tackling our higher levels of stress, which can be made possible by regular interaction and intervention from senior management and leaders. However, such opportunities are limited now in the Work From Home (WFH) context, where we have little to no interaction with top management and executives. Hence setting the priorities straight in the early stage of project handovers and asking for specific guidance from seniors has worked for me so far.

THE BRIGHT SIDE

Now pitfalls aside, what worked for me to be an MT during a pandemic, that

of technology to work with. Constant updates from multiple WhatsApp and Teams chats are hardly a distraction and come quite naturally to us.

With workplaces becoming more hybrid in future, managing people online will become a norm and this ability of multitasking and being on top of multiple work streams can come quite handy for us especially as we progress through a career.

And last but not the least, the frantic influx of online networking and learning platforms at work to compensate for the lack of organic interaction, paving the way to learn and drive individual interests on our own terms. These interest-based classroom and online sessions are a great way to find like-minded peers even across the globe if you're working for a multinational organisation, which can pave the way for a more global mindset and career.

Hence lucky or not, a Gen Z has to walk the extra mile to do the job well. Much like millennials in the post-Great Recession, we as a generation are at a great disadvantage in terms of financial security. After the 2008 financial crisis and a dozen years removed from the

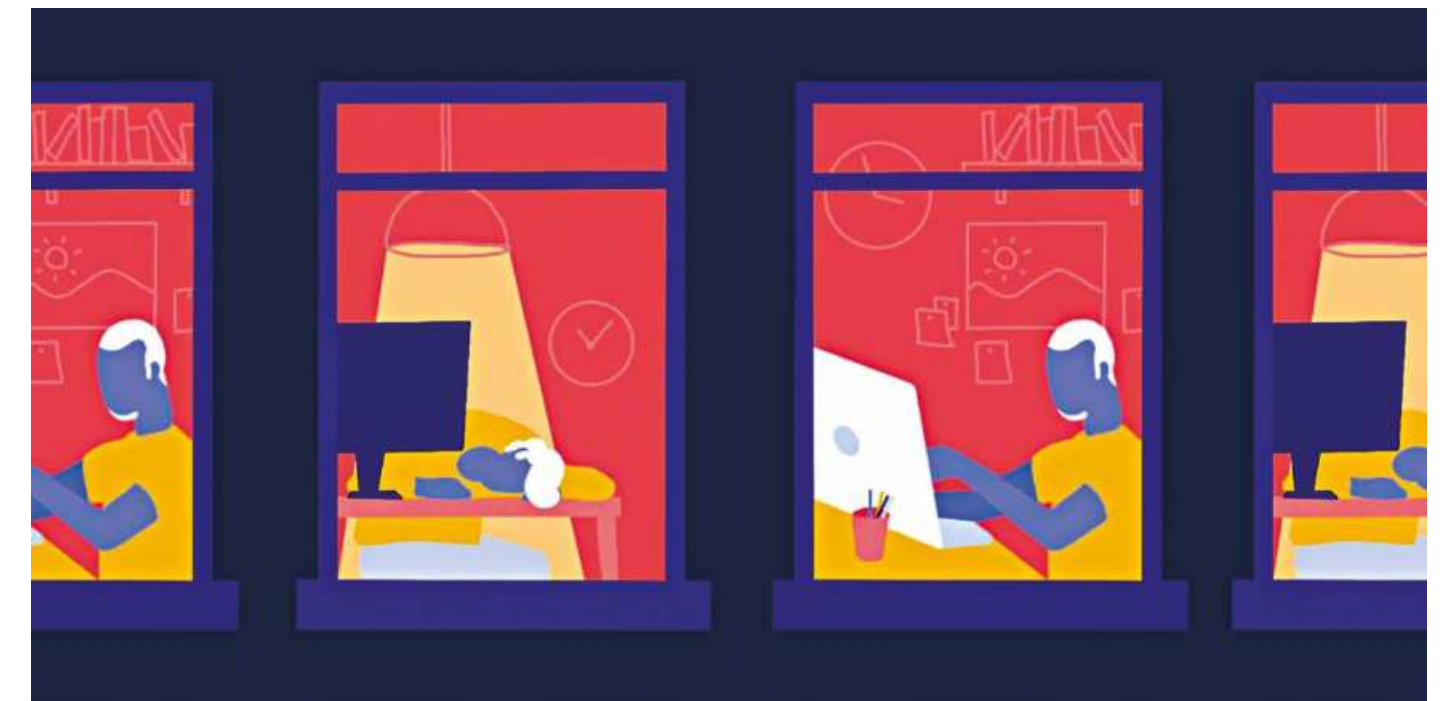


ILLUSTRATION: ZARIF FAIAZ

STRESS MANAGEMENT

Other than the challenges of networking and building personal and professional relationships, another major challenge for new joiners in a WFH based setting is developing emotional intelligence consisting of self-regulation, motivation, empathy and social skills. Such skills are usually picked up from day to day office set up in pre-pandemic context, but now reporting managers and leaders need to give extra attention to train new joiner Gen Zs, most of whom have joined online office straight out of online classrooms and can easily wind up in unregulated working hours without setting personal barriers.

Being a new joiner, the overall need

somewhat outweighs the pitfalls? The first major advantage is due to a WFH set-up, we can get a higher level of autonomy and independence to drive our projects and deliverables, without much intervention from the top down. As per research findings, Gen Zers' prefers independence which ties into our higher levels of competitiveness, as we want to manage our own projects so that we can be judged from our own skills and abilities rather than compared to others. Letting our abilities shine through our deliverables are much easier when we can drive our projects independently and show results and get recognised by them.

Another area of advantage in my opinion is the seamless integration

careers of older millennials, the added generational value of millennials was lowered by 34%, earning them the nickname as the "lost generation."

With pandemics already raging in our lives for two years and likely to continue for longer, financial security will be the core of major career movements in days to come for my generation. We can expect more fierce, driven and competitive Gen Z'ers entering the workforce in years to come, and that leaves me wondering, pandemic or not, are our organisations ready to match up to the powerhouse of Gen Z?

The author is a Global Graduate at British American Tobacco (BAT).



ILLUSTRATION: ZARIF FAIAZ

'Metaverse': the next internet revolution?

Imagine a world where you could sit on the same couch as a friend who lives thousands of miles away or conjure up a virtual version of your workplace while at the beach.

Welcome to the metaverse: a vision of the future that sounds fantastical, but which tech titans like Facebook founder Mark Zuckerberg are betting on as the next great leap in the evolution of the internet.

The metaverse is, in fact, the stuff of science-fiction: the term was coined by Neal Stephenson in his 1992 novel "Snow Crash", in which people don virtual reality headsets to interact inside a game-like digital world.

The book has long enjoyed cult status among Silicon Valley entrepreneurs -- but in recent months the metaverse has become one of the tech sector's hottest buzzwords, with companies pouring millions of dollars into its development. Facebook fuelled the excitement further Monday by announcing the creation of a new team to work on Zuckerberg's vision of the metaverse.

"This is going to be a really big part of the next chapter for the technology industry," Zuckerberg told tech website The Verge last week. Over the next five years, he predicted, Facebook would transition from "primarily being a social media company to being a metaverse company".

As with many tech buzzwords, the definition of the metaverse depends on whom you ask.

But broadly, it involves blending the physical world with the digital one. With the help of augmented reality glasses, it might allow you to see information whizz before your eyes as you walk around a city, from traffic and pollution updates to local history.

But metaverse enthusiasts are dreaming of a future in which the idea could be extended much further, allowing us to be transported to digital settings that feel real, such as a nightclub or a mountaintop. As workers have grown weary of video conferences during the pandemic, Zuckerberg is particularly excited about the idea that co-workers could be brought together in a virtual room that feels like they are face-to-face.

DIGITAL CASINOS AND GUCCI HANDBAGS

Games in which players enter immersive digital worlds offer a glimpse into what the metaverse could eventually look like, blurring virtual entertainment with the real-world economy. As far back as the early 2000s, the game Second Life allowed people to create digital avatars that could interact and shop with real money. More recently, plots of land in Decentraland -- a virtual world where visitors can watch concerts, visit art galleries, and gamble in casinos -- have sold for hundreds of thousands of dollars in MANA, a cryptocurrency.

The hugely popular video game Fortnite has also expanded into other forms of entertainment, with 12.3 million people logging in to watch rapper Travis Scott perform last year. Fortnite's owners Epic Games said in April that \$1 billion of funding raised recently would be used to support its "vision for the metaverse".

And on Roblox, a gaming platform popular with children, a digital version of a Gucci bag sold in May for more than \$4,100 -- more than the physical version would have cost. Cathy Hackl, a tech consultant who advises companies on the metaverse, said the next generation was more comfortable with the idea of attaching real meaning to virtual experiences and objects. "My first concert was in a stadium. My son's first concert was (American rapper) Lil Nas X on Roblox. Just because it happened in Roblox, it didn't make it less real for him," she said.

EXHILARATING, OR DYSTOPIAN?

Hackl rejects the dystopian vision presented in "Snow Crash" of a virtual world where people go to escape the horrors of reality, an idea that emerged again two decades later in the novel and Steven Spielberg movie "Ready Player One". Nor does she think the metaverse would necessarily involve everyone shutting out their neighbours with virtual reality headsets around the clock.

Facebook has invested heavily in technology that allows people to feel like they are physically somewhere else, such as its Portal video-calling devices, Oculus headsets and its Horizon virtual reality platform. But even Zuckerberg has admitted that existing virtual reality headsets are "a bit clunky", requiring far greater development for the kind of experiences he has described.

Wedbush tech analyst Michael Pachter said it was hard to predict whether Facebook could truly transform into a "metaverse company" in five years. "But they certainly have a huge advantage of having one billion people log on every day," he said. "If they offer entertainment options, it's likely they will succeed."

AI whiplash: navigating the surprising aftermath of the pandemic

OROBI BAKHTIAR

As the pandemic began to upend the world last year, businesses reached for every tool at their disposal—including AI—to solve challenges and serve customers safely and effectively. While every organisation will need its own playbook to recover from the AI whiplash and optimise its investment in the technology, a comprehensive plan should include five components:

A STRATEGIC INVESTMENT IN DATA

In a digital organisation, data is the connective tissue and raw material of AI. For AI models to be trained, organisations need clean, machine-digestible data labelled by subject matter experts. They require a data storage infrastructure that transcends business silos and delivers data quickly and reliably. As soon as the models are deployed, a strategy and approach to collecting data

are required to continually train and tune them.

THE RIGHT TALENT

Scientists with expertise in artificial intelligence are in high demand and hard to come by -- but they are crucial to understanding the AI landscape and guiding strategy. Organisations without a full team of scientists will need external partners that can fill in the gaps and help them sort through the ever-expanding array of AI vendors and offerings.

A LONG-TERM AI STRATEGY GUIDED BY THE BUSINESS

Rather than buying technology and trying to figure out how to use it, organisations get the most out of AI by finding solutions to problems instead of buying it. They let the business drive the agenda, not the IT department. The failures of AI investments linked to business strategies can lead to opportunities for learning rather than fast failures. However, companies must iterate quickly within a long-term AI strategy, because the biggest benefits are realised over time.

CULTURE AND EMPLOYEE UPSKILLING

Without buy-in from the workforce and a culture devoted to AI's success, AI agendas will fail to gain traction. To

gain the commitment of your employees, you have to provide them with at least a rudimentary understanding of the technology and data, as well as the benefits it will provide them and the organisation. Additionally, upskilling the workforce is crucial, especially where AI will take over or supplement their current responsibilities. It will be easier for an organisation to scale and succeed if it focuses on data-driven culture and a deeper understanding of artificial intelligence.

A COMMITMENT TO ETHICAL AND UNBIASED USE OF AI

AI holds great promise but also the potential for harm if organisations use it in ways customers don't like or that discriminate against some segments of the population. Every organisation should develop an AI ethics policy with clear guidelines on how the technology will be deployed. This policy should mandate measures and be part of the DevOps process to check for issues and imbalances in the data, measure and quantify unintended bias in machine learning algorithms, track the provenance of data, and identify those who train algorithms. Organisations should continuously monitor the models for bias and drift and ensure explainability of model decisions are in place.

HOW THINGS WILL UNFOLD

Different industries have different objectives for investing in AI in the next two years. In terms of robotic tasks, telemedicine, and patient care, healthcare executives plan to focus on these areas. AI will be used in life sciences to identify new revenue opportunities, cut administrative costs, and analyse patient data, according to the company. Government executives say they plan to improve process automation and analytics as well as manage contracts and other obligations.

Additionally, industry-specific expectations differ. Customer intelligence, inventory management, and customer service chatbots will have the most impact, according to retail executives. Product development, engineering, maintenance, and production are some examples of how industrial manufacturers understand it. Additionally, firms in the financial services industry anticipate getting better at fraud detection and prevention, risk management, and process automation.

Over the long run, AI will play a critical role in reducing fraud, waste, and abuse, as well as helping businesses optimise their sales, marketing, and customer service. At the end of the day, we believe that AI will help resolve fundamental human challenges in areas as diverse as disease identification and treatment, agriculture and global hunger, and climate change.

A future like that is worth working toward. Government and industry both have a role to play in facilitating this - by collaborating to develop rules that encourage the ethical evolution of AI without stifling the innovation and momentum already underway.





What's new on Netflix in August

OROBI BAKHTIAR

Throughout August, Netflix will offer a stellar lineup of movies and series. There's an exciting amount of mystery and action titles with Beckett but lighter stories and rom-coms like the Kissing Booth, Vivo and K-drama Hometown Cha-cha-cha are not to be missed as well. We've got lots in store for you this month, so keep reading to find out.

TOP SECRET UFO PROJECTS: DECLASSIFIED

We never seem to tire of the most intriguing mystery in the world - aliens. Netflix's new series explores the beliefs of those who feel they are as certain as the possibility of alien encounters.

Release date: August 3

IN SEARCH OF THE FROG BOYS: SEASON ONE

Those who enjoy mysteries and crime documentaries should put In Search of the Frog Boys on their watch list. A documentary exploring the mystery of five boys who disappeared in South Korea examines unanswered questions. It took 11 years for their remains to be discovered, but no one knows what caused their demise.

Release date: August 6

THE KISSING BOOTH 3

The hit rom-com Kissing Booth 3 was announced nearly a year ago on Netflix, featuring Joey King, Jacob Elordi, and Joel



Courtney. Elle is in the summer before she heads to college, and she must choose between moving across the country with her boyfriend Noah or fulfilling her lifelong promise to go to college with her best friend Lee. Whose heart will Elle break? Um, how about which decision will make Elle happiest? Guess we'll have to wait until Netflix streams the movie!

Release date: August 11

BECKETT

As a result of a tragic accident involving a car in Greece, American tourist Beckett (John David Washington) finds himself the target of a manhunt. In order to seek help at the American Embassy, he must run for his life and travel across

the country. However, tensions escalate as authorities close in, political unrest mounts, and Beckett finds himself at the centre of a conspiracy.

Release date: August 13

SWEET GIRL

Watch Aquaman—I mean, Jason Momoa—in this family action movie. Momoa plays devoted husband and father Ray Cooper, who vows revenge against a pharmaceutical company that removes a drug from the market that could have saved his wife's life. As Ray searches for the truth, a deadly counter puts his daughter Rachel (Isabel Merced) in danger. To protect the only family he has left, he turns revenge into a mission.

Release date: August 20

THE CHAIR

Dr Kim Ji-yoon (Sandra Oh) is the new head of the English department at Pembroke University in the comedy series The Chair. She is soon confronted with a new set of challenges as the first woman to lead the department and one of the few staff members of colour at the university. David Benioff and D.B. Weiss of Game of Thrones fame serves as executive producer so many might be hesitant to check this out but Sandra Oh herself sits as a producer so that's some plus points if you're over the fence whether to check this short series out. It only has six episodes, 30 minutes each—making it an easy watch.

Release date: August 20

HOMETOWN CHA-CHA-CHA

Hometown Cha-cha-cha is the new addition to Netflix's monthly K-drama roster, for all the K-drama fans in Bangladesh right now. A romantic drama set in the seaside town of Gongjin will depict a romantic story between two people from two completely different backgrounds -- sophisticated city girl Hye-jin (Shin Min-a) and villager Su-sik (Kim Seon-ho). Featuring Oh My Ghost and Tomorrow With You (in which Shin also starred) director Yu Je-won, Hometown Cha-cha-cha will tug at our heartstrings this August.

Release date: August 28

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ঐতিহ্যের আর এক নাম আধুনিকতা
ঠিক যেমন রূপচর্চার আভিজাত্য মানেই

অ্যান্ডালিনা

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রূপচর্চার আভিজাত্য...