

9 Most Amazing Technology-Induced Career Options For You

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"The great myth of our times is that technology is communication."-Libby Larsen

Unlike rest of her friends, no sooner did Aditi pass her plus two examination from one of the prestigious schools of her metropolitan home city, than critical question of choosing a lucrative and promising career started to haunt her. However her parents did not press her for their own choice. They gave her absolute freedom to rationally move ahead with the course of her choice and caliber. Finding herself at the steering wheel position, she decided to go for B.Tech in computer science from a pretty good college. After the completion of the B.Tech, she went for specialization in software, programming language and multi-media. On the eve of the course, one of the key foreign placement agencies hired her for the post of Manager of Human Resources with beautiful pay package and lucrative perks. The responsibilities she was shouldered with included, among others, providing training to the newly-recruited graduates to develop different apps and programs for the computer and other multi-media. When her friends came to know of Aditi's nature of job, they all were very amazed.

In fact, Aditi is not the single girl who chose her career - beside a score of traditional career avenues - which was purely based on the technological breakthrough and scientific miracles. The amazing speed with which the growth trajectory of the advancement in the segment of the technology is marching ahead is seeded with the potential of changing the nature of employment opportunities and career options in the decades that are in offing.

The miracles of the information technology-induced-internet-age have brought a flurry of unbelievable changes in the life style of the mankind on the earth planet over the past decade and as a result of these meta-

morphoses the contours of cultures, cuisine and various other cults of the mankind too have drastically changed.

Following are given the 10 career options which are on the threshold of bringing about epoch-making changes in the lives and nature of the Homo sapiens in the years to come of the 21st century-

1. CAREER IN APP DEVELOPER AND PROGRAMMING

With the advent of smart phones the craze of the speed in running the multi-media and the internet has caught the fancy of the young generation. Unlike other mobiles these android phones do not have a hardware keyboard. With high resolution-camera and multi-touch interface screen, these phones have automatic Wi-Fi connection which has brought unbelievable changes to the world of mobiles and networking communication. As a result, thousands of apps are available for the users in the play store, window store and other stores of the Apple mobiles. As per the latest survey, presently there are more than 16,000 apps which are being widely used by the customers. The fast rising demand for the latest apps has opened a number of job opportunities for the professionals who are experts in the technology of apps development and programming.

2. SOCIAL MEDIA MANAGER

Presently social media is considered as one of the significant platforms of the communication and business activities. Consequently world now has been transformed into a global village. The tools of social media like those of face book, whatsapp, blogging, twitter and a few others have reinforced and revived the socio-familial connection and also boosted the business turnover. They have also brought a record surge in the promotion and transactions of goods and services across the economies in the world.

Right from the big corporate houses to start - up enterprises, almost all the segments of the global economy are using various tools of social media to vie with their competitors and face any untoward outcomes in the cut-throat competition of the 21st century age. An array of job opportunities are open and even more likely to be generated for the professionals with qualifications in computer and internet and long experiences therein.

3. MILLENNIUM GENERATION EXPERTS

The term millennium generation



refers to those people who were born post-1980s and amid the digital technology revolution and mass media miracles. These people are also called as the people of Y generation. But in this context, the millennium generation implies those experts and professionals who perform as a guide or counselor for the companies and enterprises. These professionals guide the board of directors and the Chief Executive Officers (CEOs) and think tank of the companies about how to increase their both the sales and the profit. These experts use different indices and parameters derived from the analysis and interpretation of various vital data and close study of the behaviour and interpersonal relationship between the labour and the owners of the companies. Hence the professionals interested in data analysis and equipped with degree and diploma in computer science or information technology can look forward to getting an avalanche of job opportunities in this much-latest segment of the employment market.

4. CLOUD COMPUTING SERVICE PROVIDER

The cloud computing is the latest technique in the area of information technology by the virtue of which internet services have been made more accessible to the users across the nations in the world. It is currently working as an important resource provider to the various business houses and enterprises as well as the various users of the internet services. That is why the cloud computing technology is called as the metaphor of the computer. In fact, the term cloud here means such sort of internet services which help get information from cellphones, laptops or desktop located from far off the

distances from the user. That is why the term cloud computing means the technology of providing IT services like those of servers, software, hardware, data storage and various applications to an individual's or to an organization's computer, laptop, tablets, smart phones or other devices through internet or web. The entire infrastructures for the accessibility of the various computing services are managed and owned by the cloud computing owner and not by the cloud customer.

Career in Cloud Computing
With the fast development of the information technology the career in the cloud computing is also experiencing the unprecedented boom.

Following are the segments which will witness amazing boom in the availability of new employment opportunities in the years to come-
Enterprise Cloud Architect- This is the latest position of job which is likely to be created and whose task will focus on feeling the pulse of the markets dealing in the delivery of infrastructure and making the cloud computing resources accessible to the various strata of consumers.

Technicians-When cloud computing would get vast exposure even in the small towns and cities there will naturally be considerable surge in the demand for the various types of technicians and engineers.

Marketing or Sales executives-With the fast growth of cloud computing there will also be the beginning of opening of customer care centres which will, in return, accelerate the recruitment of the people in various positions.

Banking - Use of clouds for the maintenance and storage of various

types of data will also increase the job opportunities.

Retail- In the present fast moving consumer goods market of the globalized world cloud computing can create huge jobs in the segment of online shopping, marketing research and distribution.

Education and Research- Education has now become global. New job opportunities in the segment of online tuition, class management, preparation of study materials are likely to occur so fast.

Media-Job opportunities are likely to increase in the areas of content writing, data analysis, product marketing and advertisement.

Health Care- This sector is pretty much dynamic because of the fast increasing technology and most-needed development in the research. A number of job opportunities are likely to be created in the medicine, staff management, research, cosmetic and nutritional products marketing.

Government sector-The government sector will require new positions in the areas of defence, industries, infrastructure, communication, transport, hotel and restaurants and many others when cloud computing would be used at large scale in the decades to come.

Entertainment sector - An avalanche of new jobs are likely to be generated in the choreography, cinematography, site selection, photography, screenplay writing, dubbing, music and dance, acting and many other segments of the cinemas and television in the years to come.

5. USER EXPERIENCE DESIGN

The fast growing technologies of the 21st century age have also made

the web sites and web applications complicated to use. The development and application of websites are not one-way traffic. The websites launching companies are now very much concerned about the feedback of the users. They want to know how much a particular website is useful for the users. They also want to know the utility level of the various websites and their applications. Many professionals work to get the feedbacks of the customers and the process is called as User Experience Design (UEX).

The User Experience Design professionals consistently stay in contact with the user of the various websites, applications and software and from them get the essential feedback to make much-needed corrections in them to make them more user-friendly and useful. The term User Experience was coined by Dr. Donald Norman who intended to make the websites and their applications user-centric. This is the latest avenue of career market and which is full of possibilities of jobs. Any professional having degree and diploma in computer science and with the skill in programming language and photoshop can prove to be an ideal candidate to get the jobs in this sector of career seeded with very handsome pay package.

6. NANOTECHNOLOGIST

You must have seen the old-age television, camera, watches, desktop and various other electronic equipments and devices of very abnormal sizes with their parts protruding outside. But due to the latest information technology innovation and scientific breakthrough the sizes of devices and gadgets have undergone drastic changes. With the passage of time all these equipments are getting smaller and smaller every day. This miracle has become possible due to what we all call as the nanotechnology. For the repairation of these extraordinary smaller equipments and gadgets we need special technicians who are called as nanotechnicians. These technicians work on molecular level and repair the equipments very perfectly. For the job opportunities in nanotechnology an aspiring candidate requires the degrees in organic chemistry with specialization in molecular biology and micro fabrication

7. STEM CELL RESEARCH

The practical application of stem research cell is made for the treatment of Parkinson's disease, Alzheimer, cancer and other spinal cord injuries. How-

ever, the use of stem cells has sparked a row in the medical science yet its vital role in curing some critical diseases cannot be undermined. There is no denying the fact that in the coming years this area of uber scientific advancements will create huge job opportunities which can prove to be a lucrative and bright career option.

8. WASTE MANAGEMENT CONSULTANT

All the scientific advancements and technological innovations have also their flip side and this is eating into the accelerated growth rate, especially of the European developed nations. The 'E-Waste', the electronic waste, is proving the latest environmental crisis of the modern age. Even the developing nations are also falling vulnerable to the problem of what we may call waste management. If the e-waste is not properly disposed of then the lead and other hazardous chemical in it may prove to be fatal for the health of the human beings. For the fast disposal of these e-waste we require the qualified youths with the master in biology and chemistry as well as professional degrees in garbage disposal management.

9. VIRTUAL REALITY

This is yet another latest technology which is potential to change the way we look at the world and the manner we live our lives. It is the technology of experiencing the halo of things, which do not exist in real, through internet-equipped computers. For example with the technology of virtual reality one can find himself to be immersed in the things which we watch on the screen on television.

Given the versatility of this advanced technology the least we can expect that it is poised to create an array of job opportunities in the upcoming decades, especially in the segments of health, education, aviation, real estate, games and entertainment, film and fashion and a lot of others which even the scientists are not yet very much clear and confident about.

They say that technology is the engine of development of a nation. The 21st century-India is on the cusp of leading the nations across the world in the technological advancement and holistic development very shortly in the decades to come.

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'Climate Crisis May Increase Undernutrition Rates Among Young And Elderly'

Press Trust Of India

Global warming may increase the prevalence of illnesses caused by undernutrition -- the lack of sufficient nutrition intake -- according to a study which calls for better strategies to prevent young and elderly people from heat exposure.

The researchers, including those from Monash University in Australia, analysed the daily hospitalisation data that covers nearly 80 per cent of the population of Brazil, from the years 2000 to 2015.

They studied the link between admission in hospitals for undernutrition and daily mean temperatures.

The results of the study, published in the journal PLOS Medicine, revealed that for every one degree Celsius increase in daily mean temperature during the hot season, there was a



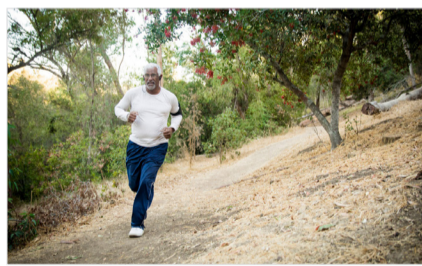
2.5 per cent increase in the number of hospitalisations for undernutrition.

The researchers wrote in the study that about 15 per cent of hospitalisations for undernutrition could be attributed to heat exposure with the nature of the relationship consistent

in women and men, but stronger among the elderly, adolescents, and children than other age groups.

The association between increased heat and hospitalisation for undernutrition was greatest for individuals aged over 80, and those 5 to 19 years, the study noted.

Five Healthy Lifestyle Habits To Follow For A Longer Life



Agencies

In a good news to middle-aged people, researchers have found that maintaining five healthy habits may increase years lived free of type 2 diabetes, cardiovascular disease and cancer.

According to the study, published in the journal The BMJ, a healthy diet, regular exercise, healthy body weight, moderate drinking, and no tobacco in the middle-age may help people live longer.

"Previous studies found that following a healthy lifestyle improves life expectancy and reduces risk of chronic diseases, such as diabetes, cardiovascular ailments and cancer. But few studies looked at the effects of lifestyle factors on life expectancy free from such diseases," said study author Yanping Li from Harvard University in the US.

"The study provides strong evidence that following a healthy lifestyle can substantially extend the years a person lives disease-free," Li said.

The researchers looked at 34 years of data from 73,196 women and 28 years of data from 38,366 men participating in the Nurses' Health Study and the Health Professionals Follow-up Study, respectively.

Healthy diet was defined as food with high score on the Alternate Healthy Eating Index, at least 30-minute a day moderate to vigorous exercise, healthy weight (body mass index of 18.5-24.9 kg/m2).

Women who practiced four-five healthy habits at age 50 lived an average of 34.4 more years free of diabetes, cardiovascular diseases and cancer, compared with 23.7 healthy years among women who practiced none.

Men practicing four-five healthy habits at age 50 lived 31.1 years free of chronic disease, compared with 23.5 years among men who practiced none.

According to the study, men who were heavy smokers, and men and women with obesity had the lowest disease-free life expectancy.

Gardening Trends For 2020: Unconventional, Sustainable Hacks Are Big This Year

Agencies

Gardeners in 2020 will veer from the beaten path, opting for unconventional varieties and eco-conscious surroundings, according to a plant trends study by horticulturalists with the University of Florida Institute of Food and Agricultural Sciences (UF/IFAS).

Their forecast is based largely on market observations and feedback from people seeking information from Extension offices.

Interest is strong for native plants, dwarf hybrids, "re-wilding" gardens, edible settings, wildlife-friendly landscapes, dark foliage, succulents, novel greens, landscaping for natural disasters, and softer, leafier floral arrangements, the horticulturalists said.

"More and more folks are wanting

to think about sustainability," said Mark Tancig, a UF/IFAS agent based in Leon County.

"They're wanting to plant things that don't require as much water or fertilizer," he said. "Plants that resist disease and insects. Plants that provide for wildlife use and need less maintenance and input. That not only saves money but it looks good, too. It's restorative to the environment."

Breaking down the study's trending Top 10:

- Native Plants. These plants original to a specific place generally are lower maintenance, requiring less water, pruning and fertilizer.

- Dwarf Hybrids. Gardeners without a lot of living space increasingly are choosing the dwarf varieties of their favorite plants. They also require less pruning.

- Re-Wilding Gardens. To encourage beneficial insects and the health of your garden, allow shrubs to return to their natural shapes, let grass grow longer and permit a few weeds to flower, said Theresa Badurek, horticulture agent for Pinellas County. "Some of those volunteer weeds may be great wildflowers."

- Edible Settings. Fruit-bearing plants, ornamental vegetables and edible flowers do double duty, adding beauty as well as nutrition to the home landscape.

- Plants for Wildlife. "Most contemporary landscapes lack diversity, so gardeners should choose a variety of plants that flower and fruit," Badurek said. Plants with berries attract birds, and layering plants of varying heights provides hiding places for other species.

Scholarships This Week

Kashmir Observer in association with Buddy4Study.com presents scholarships available for the meritorious students of Jammu and Kashmir

Scholarship 1: PNB Housing Finance Limited Protsahan Scholarship 2019-20

Description: PNB Housing Finance Limited invites scholarship applications from MBA, BA-LLB and CA students who face financial barriers in pursuing their education. The scholarship programme is aimed at supporting students in successfully pursuing their professional courses.

Eligibility: The scholarship is open to MBA, CA and BA-LLB students. Applicants must have scored a minimum of 65% marks in class 12 and Graduation (if applicable). The annual income of the family should be less than or equal to INR 8 Lakh per annum.

Prizes & Rewards: For MBA- INR 2,00,000 | For CA- INR 30,000 to INR 50,000

Last Date to Apply: 30-01-2020

Application mode: Online application only



Scholarship Name 2: J N Tata Endowment Loan Scholarship

Description: The J N Tata Endowment invites loan scholarship applications from students who wish to pursue higher studies abroad. Students who are selected for their loan scholarship are entitled to receive a 'Travel Grant' and a 'Gift Award' - which are linked to their academic performance. Scholars who have already been awarded for this scheme cannot apply again for the same course.

Eligibility: Open for students who have completed graduation studies or students who are in the final year of any undergraduate programme at a recognised university/college/institution in India. Students who are at the beginning of the second year of their overseas studies (Fall 2020 - Spring 2021) are also eligible to apply. This is applicable only if the minimum duration of course is 2 years. Students must have scored a minimum of 60% marks in the previous qualifying examination. | **Prizes & Rewards:** One-time loan scholarship ranging from INR 1,00,000 to 10,00,000. Students who are selected for loan scholarship are entitled to a 'Travel Grant' and a 'Gift Award' - which are linked to their academic performance.

Last Date to Apply: 09-03-2020

Application mode: Online applications only

Scholarship Name 3: STFC Meritorious Scholarship Programme

Description: Shriram Transport Finance Company Limited has announced this scholarship programme to provide financial assistance to students from underprivileged families of commercial transport drivers. Under this programme, selected students will receive multi-year scholarships for professional studies after Class 10 and Class 12.

Eligibility: Students currently enrolled in Diploma/ITI/Polytechnic courses, or Graduation/Engineering (3-4 year) programmes may apply for this scholarship, if they have scored at least 60% marks in Class 10 and Class 12. Applicants must come from the family of a commercial transport driver with an overall family income of less than INR 4 Lakhs per year.

Prizes & Rewards: Selected students will receive INR 15,000/- per year for ITI/Polytechnic/Diploma studies (max. 3 years), and up to INR 35,000/- per year (max. 4 years) for graduation/engineering studies.

Last Date to Apply: 31-01-2020

Application mode: Apply online