



A technological revolution: 10 technologies that have changed the way we live

So many new technologies have appeared in the past half century that it's impossible to list them all. But these 10 high-tech breakthroughs stand out over the last 50 years because they've revolutionized the way Americans live. We look back at their beginnings, as well as where they've taken us today.

10. Organ transplants. In 1954, Dr. Joseph Murray removed the kidney from one human patient and implanted it in another. Today, some 25,000 Americans a year receive such a procedure — and a new lease on life.

9. Robots and artificial intelligence. The term “robot” was coined by Czechoslovakian playwright Karel Capek in 1920 — “robota” being a Czech word for tedious labor — but the first real industrial robot was built in 1954 by George Devol. Today, robots assemble products better, faster and often cheaper than manual laborers, while more than 8 million U.S. airline flights a year are scheduled, guided and flown with the superhuman assistance of advanced software.

8. Electronic funds transfer. The Federal Reserve Bank of San Francisco set up a paperless transfer system with the Los Angeles branch in 1972. By the end of the decade, instantaneous transfers of millions of dollars in value between banks, insurance companies and other financial institutions had become common.



7. Nuclear power. The United States today has about 100 active plants that generate 20 percent of the country's electricity — second only to coal as a source of power — and have been steadily increasing their capacity. Will the next 50 years bring a better alternative?



6. Mobile phones. The idea for cellular phone service dates back at least to 1947, but the first call was made from the sidewalk outside the Manhattan Hilton in 1973 by Martin Cooper, a Motorola researcher who rang up his rival at AT&T Bell Labs to test the new phone. Thirty years later, more than half of all Americans own one and cellular networks are beginning to serve Internet access at broadband speeds through thin air.



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5. Space flight. Americans from 50 years ago would be disappointed to learn we never went further than the Moon — no Mars colony, no 2001 odyssey to Jupiter, no speed-of-light spaceships. But the space race against the Russians that dominated the national psyche in the '60s and '70s pushed the development of hundreds of enabling technologies, including synthetic fibers and integrated computer circuits, necessary to fly men to the Moon and back



4. Personal computers. Before IBM recast the desktop computer from hobbyist's gadget to office automation tool in 1983 — followed by Apple's people-friendly Macintosh a year later — a "minicomputer" was the size of a washing machine and required a special air-conditioned room. Today, thanks to the PC, we all look busy.



3. Digital media. "The camera doesn't lie" went a saying not heard much since the release of Photoshop 1.0 in 1990. Digitized audio, pictures, movies, and text let even an amateur edit reality — or conjure it from scratch — with a keyboard and a mouse. A singer's bad notes, a model's blemishes, or an overcast sky in a movie scene can be fixed as easily as a spelling error. Just as important, digital media can be copied over and over nearly for free, stored permanently without fading, and sent around the world in seconds.

2. Genetic engineering. Have you heard of Boyer and Cohen, who constructed the first organism with combined DNA from different species in 1973? Thirty years later, an estimated 70% of processed foods contain genetically modified ingredients engineered, for higher crop yields.

1. The Internet. This one seems like a no-brainer, but the Net's unique strength is that no two people will agree on why it's so important. The world's largest and most unruly library, it's also a global news channel, social club, research archive, shopping service, town hall, and multimedia kiosk. Add to that the most affordable mass medium ever, and a curse to anyone with a secret to keep. Three-fifths of Americans now use the Net, but it remains to be seen whether the connections to one another will transform us, or prove that we'll never change.





Apply for the Global IT Scholarship Program

Global Information Technology is proud to provide the GIT Scholarship Program. Every month, this scholarship will be awarded to highly driven individuals wanting to begin or advance their IT career. Exclusively, the scholarship will provide a grant of \$2,500.00 towards any certification course or remote live training at GIT.

GIT created this opportunity to give back to the community and spread our desire to help those in need. We believe that learning is essential and we will continue to help and develop individuals to help them succeed in their personal development goals.

Apply here:

<https://www.global-itech.com/the-global-it-scholarship/>

Top 3 Hiring Changes Companies Made Because of COVID-19



Conducted remote interviews and onboarding



Shortened the hiring process



Advertised fully remote jobs



Zero tolerance: Getting to know your new work environment

You've got your dream job, now how do you keep it? Here are some things you should know before you even start your new dream job in order to not get fired.

Know the zero tolerance rules in the company. Zero tolerance rules are rules that get you fired immediately - there is no review, no second chance, you break one they walk you out. Substance abuse rules are not suggestions. You not only can get fired, you can be rejected

during the hiring process as well.

Don't pursue a relationship with co-workers. Generally, it is just a bad idea to date in the office because, if you break up, it can make the working environment hell. But if you are turned down, the sexual harassment rules tend to be really nasty.

If you are upset talk to your manager or HR. You can't talk to social media. In all cases this will get you fired. Few companies have any tolerance for employees who speak out publicly about them period let alone negatively.



A day in the life of a A Big Data Architect



Since the greater part of a Big Data Architect's job will involve data in one way or another, a love of data does seem like a prerequisite. But how do the other aspects of a day in the life of a Big Data Architect look like? Big Data Architects must know data inside and out, but they also must have strong marketing and analytical skills, a solid knowledge of statistics and applied math, and an understanding of security and governance. And, because they are expected to be so well-rounded in their knowledge and skillsets, they also spend their days involved in a variety of activities beyond simply designing data solutions. They also spend a significant amount of time in meetings, working with team members, and using a wide variety of tools.



Upcoming class schedule at GIT

Do not miss out on your opportunity to enroll into one of our cutting-edge technology classes, taught by our world class instructors!

Complete course schedule here:
<https://www.global-itech.com/online-schedule/>

GIT thought provoking corner



"Never stop fighting until you arrive at your destined place - that is, the unique you. Have an aim in life, continuously acquire knowledge, work hard, and have perseverance to realise the great life."

- A. P. J. Abdul Kalam

Quick & to the point - Career Advice



Question: "Help me. I'm in need of a job RIGHT NOW! No time to wait and the money is truly needed. Where should I begin?" - Larry Northway

Answer: Don't prioritize speed over all other considerations - you will land a role faster with a strategic approach. Dedicate some time to considering what you are looking for and be realistic with your ambition. Research companies and job roles in your chosen field and use this information to tailor your search. Make sure to sign up to alerts on job boards for both companies and roles, as well as broader job fields. Lastly, think about the details. Create a checklist of things to remember, include or do for each application and interview, including a copy of your application, names of relevant people as well as details and timings of interviews. Best of luck!



Global Information Technology - Coronavirus (COVID-19) Update

Are classes still running?

All classes are running virtual instructor-led classroom environment until the end of November 2020 (subject to change based on guidance from local health authorities). In any case, you can retake the class for free within a year (see below). Our live, virtual instructor-led classroom training is interactive and hands-on, just like our in-person classes. There are no extra fees and we will work with you to ensure your setup is perfect.

Free Retake Period Extension

We have extended the free retake period up to one and half years for any signups or class dates between March 31, 2020 and November 30, 2020. This allows you to attend live virtual, instructor-led classrooms now and come back in-person anytime within one and half year of the class date.

Re-scheduling

We are allowing attendees to re-schedule at no charge or keep class credit for up to 1 ½ years. Email us at info@global-itech.com.

Student and Staff Protections

We are monitoring all developments and following CDC and local health authority guidelines. We are also committed to the following:

- Providing hand sanitizer, disinfectant wipes, and washing stations
- Cleaning each room before and after each class
- Requiring all students and instructors to follow hygiene guidelines before entering a classroom
- Limiting in-person attendees per class to keep spacing between students
- Not allowing any students or staff to enter the facilities who exhibit symptoms

Protect Yourself & Others

See the World Health Organization's advice for best practices: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>

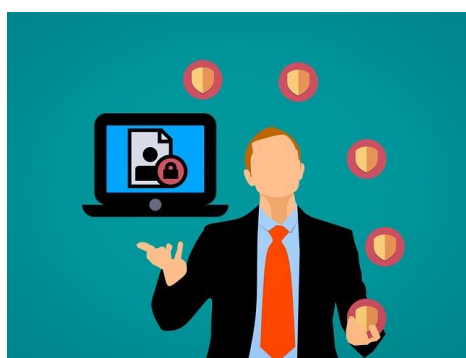


GIT career workshops Learn for **FREE** Each Day

Global Information Technology is giving back to the community by offering free classes (live-streamed instructor led workshop) during Covid-19 crisis we all are facing. Learn from Introduction to coding, Java, web design, LinkedIn Basic, Project Management, Business Analyst, Agile to Microsoft office. Each free workshop will be live-streamed through our Virtual classroom environment. Before the workshop, we will send you a link for the meeting. Learn more and register for the topic(s) of your choice: <https://www.global-itech.com/free-seminars/> or Email: placement.services@global-itech.com



Work Ethic Skills: Top 8 Values to Develop



Work ethic is a valuable attribute that employers look for in every industry especially during the pandemic working from home. Showing the values associated with a good work ethic can increase your employability and help you position yourself for better job opportunities. Employees with excellent work ethic often receive for special projects and opportunities because they're reliable, dedicated and disciplined. This list will help you identify ways that you can highlight your work ethic in any job.

What is the work ethic?

Work ethic is an attitude of determination and dedication

toward one's job. Those with a strong work ethic place a high value on their professional success. They exhibit moral principles that make them outstanding employees in any position. If you have a strong work ethic, you believe in the importance of your job and typically feel that hard work is essential to maintaining a strong character.

Examples of work ethic skills
Employees with a strong work ethic exhibit a particular set of values and behaviors. These characteristics make them stand out as highly coveted team members and praise-worthy employees.

- ✓ Reliability
- ✓ Dedication
- ✓ Discipline
- ✓ Productivity
- ✓ Cooperation
- ✓ Integrity
- ✓ Responsibility
- ✓ Professionalism

Reliability

Employees with a strong work ethic are very reliable. You can expect these individuals to be on time for shifts and meetings.

They meet their deadlines and offer quality work. A reliable coworker makes an excellent teammate because they contribute fairly to projects.

Dedication

Part of a good work ethic is dedication to the job. They know how to focus on tasks without being distracted. These employees usually work until they finish their duties. They stay with one company for long periods of time.

Discipline

Discipline is an essential part of showing a good work ethic. Highly disciplined employees show determination and commitment to the job. They strive to meet or exceed expectations and seek opportunities to learn new skills and improve their performance.

Productivity

A strong work ethic translates to outstanding productivity. Productive employees often have a higher output than their counterparts. They complete projects early and do more than the minimum requirements.



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Cooperation

A good work ethic is something that employees often spread to those around them by cooperating willingly on projects. They show good teamwork and readily assist others when needed.

Integrity

Professional integrity means holding oneself to high moral principles. Those with a strong work ethic also have outstanding integrity. They're honest, polite and fair to others.

Responsibility

Demonstrating strong work ethic requires a keen sense of responsibility. Those who are ethical and responsible hold themselves accountable for their actions. They will accept the blame for errors they've contributed to and proactively work to fix these issues.

Professionalism

Employees with a good work ethic almost always maintain their professionalism. They exhibit a professional attitude clear in the way they dress,

speak and carry themselves. They're respectful, focused, organized and neat.

VETERNS, GET READY TO POWER YOUR TECH FUTURE AT GLOBAL IT

What is VET TEC Program?

VET TEC is a new tuition and housing assistance program to fund veteran job training in the technology field. It's an alternative to the Post-9/11 GI Bill, with a focus to get veterans into high-tech skills that are in demand in today's workplace.

Does Global Information Technology (Global IT) accept the VET TEC benefits?

Yes, Global Information Technology (Global IT) is approved by Department of Veteran Affairs to receive benefits under VET TEC Program. Service members interested in enrolling in one of our VET TEC programs should begin by filling out the contact form below. Afterwards, one of our career advisor/ certifying officials will contact you to

schedule a tour and/or answer any questions you may have.

How do I use my Post 9/11 G.I Bill?

Global Information Technology is approved by the State of Michigan Proprietary School Education and the US Department of Veterans Affairs, to accept Veteran education benefits. These benefits may cover up to 100% of tuition and fees, and can provide a percentage stipend for your courseware, lodging, testing and other training-related costs as well.

For more information about your specific benefits in regards to your service, call 248-557-2480 to set up an appointment with one of our career advisor or visit <https://www.global-itech.com/va-program>.

