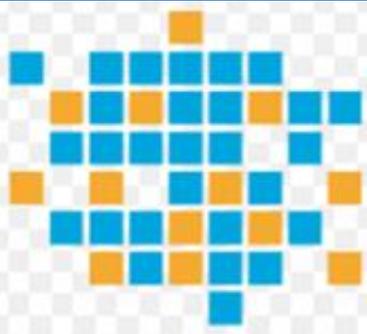## Cyberattacks target hospitals, COVID-19 data

*Hospitals are experiencing an influx of cybersecurity threats from financial scammers, ransomware groups and hackers working for nation-states, hospital security leaders say. Intelligence agencies warn that the hackers and other criminals are trying to steal information related to COVID-19 vaccines.*

Training is essential to preparing the cybersecurity workforce of tomorrow, and for keeping current cybersecurity workers up-to-date on skills and evolving threats. Global Information Technology is committed to providing the cybersecurity training and workforce development efforts to develop a more resilient and capable cyber nation. Please call 1-866-GO-GIT-GO (464-4846) for more information about our Cyber Security Certification Preparation Training and our initiative.



**1 Networks**
Hospital networks without tight access control can let hackers breach one point and move freely within.

**2 Internet of Things**
Connected medical devices often lack built-in security features.

**3 Personal Devices**
Doctors and nurses add to vulnerabilities by connecting personal devices to the hospital network.

**4 Data Storage**
Storing electronic medical records, payment and insurance details in a single place increases potential damage from ransomware attackers.

**5 Records Disposal**
Privacy can be compromised by improper disposal of sensitive information.

**6 Remote Work**
Security risks increase with remote Covid-19 testing and vaccination sites, coupled with more nonmedical staff working from home.

## 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/

## 4 Keys on how to advance your IT career

*In our modern-day landscape, it's no surprise that there's an increasing demand for information technology services. However, the job market is fierce, and simply "being there" isn't enough to set most IT professionals apart from the rest of the competition. Just like the companies they work for, the most intuitive technology consultants have a vision of what they want their career to be, accompanied by the goals, strategies, and the tactics that'll take them there. Over the course of this piece we'll delve into the main strengths of the best IT professionals, and display where your skills can be honed to allow for future career growth.*

### Your Education
There's no question, your education will serve as a strong foundation when looking to advance your IT career. There are many degrees and certifications which may enhance your career path.
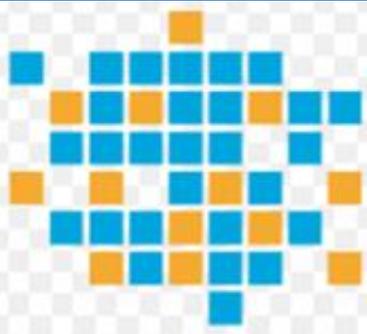
### Your Experience
When it all boils down, there simply is no substitute for job experience. Your career advancement possibilities improve dramatically with at least 2 years of experience in a given area, and the most sought-after candidates have 6-10 years of focused experience.

### Your Soft Skills
No matter how skilled you are technically, if you don't possess quality soft skills, you may have a difficult time finding your path toward career advancement.

### Your Goals
Goals, both personal and professional, should be an important part of any IT career advancement plan.

## GIT thought provoking corner

"It's only after you've stepped outside your comfort zone that you begin to change, grow, and transform."

— Roy T. Bennett

## 3 things job seekers need to know about hiring technology

Searching for a job is stressful. Searching for a job in the age of AI résumé reviewers, online assessments, and automatic "no" piles is excruciating. We know that AI is helping with hiring decisions, but what does that actually mean, and how does it change your job search?

### 1. COMPANIES ARE BUILDING PROFILES ON YOU

You probably know about software that can scan your résumé for keywords. But when recruiters are considering you for a job, they aren't just looking at your résumé. They're now relying on tools that build full profiles on job seekers just by scraping publicly available information such as social profiles, old blogs, awards, academic histories, old résumés on LinkedIn, etc.

### 2. SKILL ASSESSMENTS ARE DIGGING DEEPER

Traditional strength and personality assessments aren't going anywhere, but they are becoming more sophisticated. To better understand whether or not a candidate is the right fit, employers are using assessments with more intelligent algorithms that can determine how you'll perform in a specific job environment.

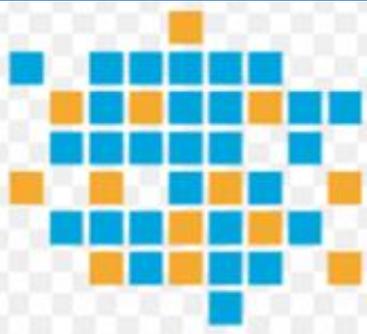### 3. EMPLOYERS WANT YOU TO SHOW, NOT TELL

Chances are, you're familiar with the "scenario" type of questions in an interview that asks how you would react in certain situations. Pretty soon, you may have to show, not just describe, how you'll handle on-the-job-scenarios.

### Career Guide

## Quick & to the point - Career Advice

**Question:** "I have a hard time staying composed during job interviews. Any advice would be welcome. Thanks."
 - *Raymond Dewilliams*

**Answer:** Things happen. During the job interview, try to relax and stay as calm as possible. Remember that your body language says as much about you as your answers to the questions. Proper preparation will allow you to exude confidence. Be sure to pay attention to questions so that you don't forget it, and listen to the entire question (using active listening) before you answer, so you know exactly what the interviewer is asking. If you need to take a moment to think about your answer, that's totally fine, and is a better option than starting out with multiple "ums" or "uhs." Put these things to practice and you will do just fine. Best of luck!

## GIT launches new course offering in Data Science with Python, Machine Learning, and Artificial Intelligence



Individuals looking for a career in programming or are currently working as developers, programmers, or web developers should attend this course. The course covers basic data science, ETL with Machine Learning, Deep Learning A.I along with all advance features that an individual will perform as a data science professional.

Do not miss out on your opportunity to enroll into one our cutting-edge technology classes, taught by our world class instructors!  GIT's complete course schedule can be found here: https://www.global-itech.com/online-schedule/

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

**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.
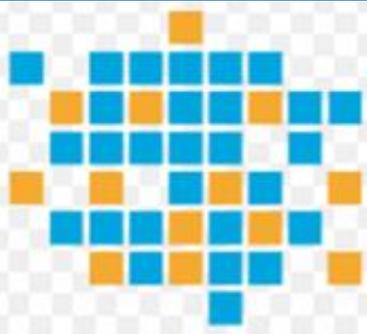


## Studying 101: Study smarter not harder

Do you ever feel like your study habits simply aren't cutting it? Do you wonder what you could be doing to perform better in class and on exams? The following steps offers several tips on effective studying. Implementing these tips into your regular study routine will help you to efficiently and effectively learn course material. Experiment with them and find some that work for you.

### Reading is not studying
Simply reading and re-reading texts or notes is not actively engaging in the material. It is simply re-reading your notes. Only 'doing' the readings for class is not studying. It is simply doing the reading for class. Re-reading leads to quick forgetting. Ideas for active studying include:

- Create a study guide by topic. Formulate questions and problems and write complete answers. Create your own quiz.

- Become a teacher. Say the information aloud in your own words as if you are the instructor and teaching the concepts to a class.
- Derive examples that relate to your own experiences.

### Understand the Study Cycle

The Study Cycle, developed by Frank Christ, breaks down the different parts of studying: previewing, attending class, reviewing, studying, and checking your understanding. Although each step may seem obvious at a glance, all too often students try to take shortcuts and miss chances for good learning. For example, you may skip a reading before class because the professor covers the same material in class; doing so misses a key opportunity to learn in different modes (reading and listening) and to benefit from the repetition and distributed practice that you'll get from both reading ahead and attending class. Understanding the importance of all stages of this cycle will help make sure you don't miss opportunities to learn effectively.

### Spacing out is good

One of the most impactful learning strategies is "distributed practice"—spacing out your studying over several short periods of time over several days and weeks (Newport, 2007). The most effective practice is to work a short time on each class every day. The total amount of time spent studying will be the same (or less) than one or two marathon library sessions, but you will learn the information more deeply and retain much more for the long term—which will help get you an A on the final. The important thing is how you *use* your study time, not how *long* you study. Long study sessions lead to a lack of concentration and thus a lack of learning and retention.

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## What's this thing called 'Game Development'?

Game Development is the art of creating games and describes the design, development and release of a game. It may involve concept generation, design, build, test and release.



While you create a game, it is important to think about the game mechanics, rewards, player engagement and level design.

Game Development can be undertaken by a large Game Development Studio or by a single individual. It can be as small or large as you like. As long as it lets the player interact with content and is able to manipulate the game's elements, you can call it a 'game'.

To get involved in the Game Development process, you do not need to write code. Artists may create and design assets, while a Developer might focus on programming a health bar. A Tester may get involved to see that the game works as expected.

## Top in-demand IT skills for 2021



Here are the most important, in-demand IT skills and areas you'll need to master in order to meet and exceed the job skill demands of 2021 and beyond. With upgraded skills in any of these areas, you'll have resume ready credentials that will increase your value — and set you apart from the competition.
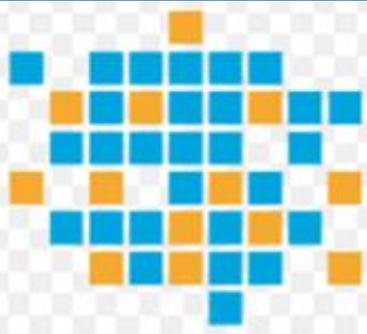
### 1. Cybersecurity

Cybersecurity is more important than ever before because of the many ways companies rely on IT and the internet. Important data and sensitive information are typically stored digitally, and it is essential to protect them as much as possible. Businesses th Global Information Technology provides a number of certifications and training courses that can help you gain greater experience in cyber and online security, at endure security breaches often lose clients as a result, and their reputation is tarnished indefinitely. This is why it is so crucial to work on perfecting your cybersecurity skills to put yourself in high demand from companies all over the world. Global Information Technology provides a number of certifications and training courses that can help you gain greater experience in cyber security, such as CompTIA Security+, CompTIA CYSA+, Certified Ethical Hacker and CISSP. These certifications are designed for IT professionals who have networking experience, with an emphasis on security. With the threat of data security becoming a rapidly growing issue, the need for trained information security personnel has increased multi-fold. These courses are one of the world's most valued information technology and information security certifications. With a proven track record for decades in the making, these courses truly demonstrate that you are at the top of your cybersecurity game in terms of both knowledge and experience.

### 2. Cloud Computing

Cloud computing is very much a part of the world of business already, and it likely will have a greater impact on the industry in 2021. As one of the most useful and efficient tools available today, the cloud can help improve efficiency, productivity, security and operations. Cloud computing skills are in high demand, and command some of the highest salaries in the world of IT. Cloud adoption is growing rapidly and continues to influence other areas of business, such as project management and cybersecurity. Businesses are going to be using the cloud whenever and however they can, so the more you can master this area, the better your employment prospects will be. Global Information Technology Offers certification prep Amazon Web Services cloud training. Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud platform, offering over 165 fully featured services from data centers globally. Millions of customers —including the fastest-growing startups, largest enterprises, and leading government agencies—trust AWS to power their infrastructure, become more agile, and lower costs. AWS has the largest and most dynamic ecosystem, with millions of active customers and tens of thousands of partners globally. Customers across virtually every industry and of every size, including start-ups, enterprises, and public sector organizations, are running every imaginable use case on AWS. This course is designed for IT Professionals who wish to develop AWS cloud computing skills to enable them to move IT workloads to the cloud and create integrate

products and services from different providers and industries. Their focus is to ensure that cloud deployments are secure, that automation and orchestration are used effectively to bring business value from the cloud deployments are secure, that costs are controlled through effective management of cloud venders. This course is designed for students who are preparing to take the Foundation, Associates or Professional level of certification.
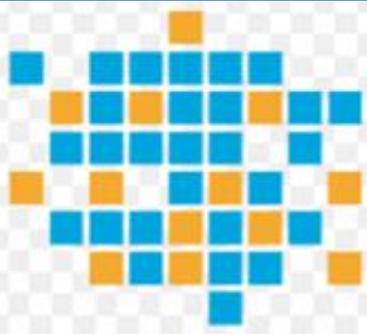
## 3. Data Management

Data management and analytics have become much more important in the modern world, as more businesses become data-driven. As the driving force behind many business decisions, such as those around marketing, customer service and rebranding, the influence of data should not be understated. The increase of data has become overwhelming for some businesses, which is what makes the responsibility of data management so essential. Global Information Technology offers plenty of data management training, including Oracle, Microsoft SQL Server and IIBA Business Analysis and Data Analytics options to help you develop and hone your skills. Global IT is an authorized Oracle University WDP institution and provide the same curriculum and materials used by Oracle University. This course counts toward the Hands-on course



requirement for the following certifications. You will benefit from this course as you learn detailed information on the architecture of an Oracle Database instance and database, enabling you to manage your database resources effectively. You learn how to create database storage structures appropriate for the business applications supported by your database. In addition, you learn how to create users and administer database security to meet your business requirements. This course provides basic information on backup and recovery techniques. To provide an acceptable response time to users and manage resources effectively, you learn how to monitor your database and manage performance. This course is appropriate for anyone needing to understand and manage an Oracle 18c database or those needing a general understanding of Oracle database functionality. That would include end users, business analysts, application developers, database administrators, and IT management.

## 4. Artificial Intelligence/Machine Learning

Machines are going to develop in big ways, and artificial intelligence (AI) is already becoming more prevalent in the business world. Companies are always looking for ways to boost productivity and improve efficiency at the same time, and this is why AI automation and machine learning will continue to grow. Cloud migration has also enhanced the need for AI and machine learning. We have already seen the development of AI through innovations like driverless cars, and the business world will continue to see more machine learning and AI initiatives. The increasing availability of these technologies and the growing demands from customers could lead sectors like the manufacturing to embrace robots and machine learning in a bid to boost productivity. Global Information Technology offers Data Science with Python, Machine Learning and Artificial Intelligence Training. These courses focuses on the practice of data analytics, the role of the Data Scientist, the main phases of the Data Analytics Lifecycle, analyzing and exploring data with python, statistics for model building and evaluation, the theory and methods of advanced analytics and statistical modeling, the technology and tools that can be used for advanced analytics, operational zing an analytics project,

and data visualization techniques. Individuals looking for a career in programming or are currently working as developers, programmers, or web developers should attend this course. The course covers basic data science, ETL with Machine Learning, Deep Learning A.I along with all advance features that an individual will perform as a data science professional. So, this course will help IT Developer, Project Manager and Analytics Professional, to grow in their analytics journey. Data science jobs are the most demanding jobs in the Information Technology field today. Prospective job seekers have numerous opportunities. It is the fastest growing job on LinkedIn and is predicted to create 11.5 million jobs by 2026. Data Science is one of the most highly paid jobs. According to Glassdoor, Data Scientists make an average of $116,100 per year. There are numerous applications of Data Science. It is widely used in health-care, banking, consultancy services, and e-commerce industries. Therefore, you will have the opportunity to work in various fields as a highly lucrative career option.
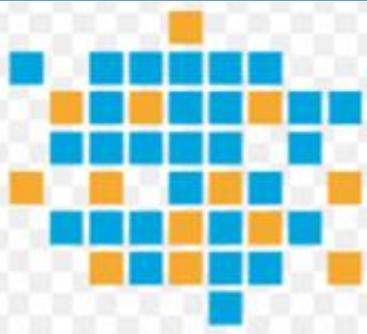
## 5. Technical Helpdesk

Tech support and helpdesk services have never been more important. The whole framework of modern brands is built upon digital platforms, and this means there is a need to help ensure that these digital networks are as fully operational as possible, at all times. Helpdesk and tech support roles have traditionally been outsourced, but it has become more necessary to bring helpdesk experts in house for many modern businesses to ensure there are fewer operational problems. Think about how much is at stake if a company's network goes down for even just a few hours. This scenario is detrimental to the business of many modern brands, which is why helpdesk skills are well worth mastering. Global Information Technology provide training in Technical Help Desk and prepare students for the most demanding Technical Help skills in today's scenario.

## 6. Programming

Computer programming has always been a vital cog in the wheel of modern business, and its importance will likely grow even more in 2020, as programming and app development jobs are expected to grow significantly. This means you need to make sure you're trained and skilled in computer programming to make you even more of an asset. The average

annual salary for a programming or app development job in the United States is around $118,000. Programming is essential to the world of IT, and many businesses are going to need the right sort of programming in order to help develop the company and push it forward in the right way. Global Information Technology is offers training in JAVA SE 11, ASP.NET and Software Testing with Selenium. Java is one of the strongest programming languages in the Information Technology field today. It is a platform independent object-oriented programming language used to create applets for the World Wide Web and stand-alone applications. Java, a language based on objects, allows one to carry an application from one system to another. Today, Java is being used for a wide variety of server-side applications; the Java based operating system, Java Server Pages, Java Browsers etc. By enrolling in this course, you'll expand your knowledge of Java 11, while building your Java skill set. You'll build a solid basis in the Java programming language upon which to base continued work and training. This course also covers how to implement web services with JBoss using the most recent Java standards, JAX-WS for SOAP web services, and JAX-RS for REST web services. As for the demand for Java developers, it stays at a very high-level year after year.

various tech developments. A lack of IT Architecture planning can cause outdated frameworks to bring down the business, and day-to-day operations suffer as a result. To help alleviate this, Global Information Technology offers IT architecture courses that cover essential systems, such as Cloud and CompTIA Lunux+.



## 7. Project Management

Project management and planning have always played a key role in the modern business world, and the necessity and demand for these skills will only continue growing. Project managers must possess certain IT skills to successfully communicate and execute project requirements and strategies. Global Information Technology is an authorized Project Management Institute and offers Project Management Professional (PMP)®V7 certification prep training.

## 8. IT Architecture Strategies

Companies are finding that they need to align the different parts of their business and work on smooth integration, which means systems and enterprise architecture strategies will be very important in 2020. IT architecture professionals will ensure that programs align with one another and that the company is well placed to thrive in the modern business landscape amid

## 9. Blockchain

Blockchain is more recent phenomenon and has come to global attention due to the growth and evolution of the cryptocurrency market. But the truth is that blockchain technology is about so much more than this, and it is becoming an important technology across business and finance sectors. There has been a lot of investment in blockchain over the last few years, which equates to a higher demand for job candidates with this particular skillset.



## 10. Mobile Development

Smartphones have become an inescapable part of the modern business world, which is why Android and iOS app developers are so sought after these days. Companies are looking for scalable options and working to streamline their business for a mobile platform and audience. Mobile-only platforms are set to become much more mainstream, which means the need for mobile developers will only increase. All these skills and areas are already essential in the world of IT, but they are likely to play an even more prominent role in 2021. Companies need individuals who are not just tech-savvy, but who are also skilled and accomplished in the areas of technology and IT that will really give them the competitive edge they need to succeed. Mastering these IT skills help you become more employable, and there is no doubt that Global Information Technology training will help put you on that path.