



GLOBAL IT

Get Trained. Get Placed.

JobPrep The Voice of Career Insight

December 2020



“So much to choose from - what IT career is right for me?”

IT jobs fall within the full spectrum of computer technology and business. Because the field of information technology covers such a broad range of job roles, it's a good idea to first explore the differences in the career paths you can take in IT, such as:

- ❖ A computer support specialist (which requires only a certificate or an associate degree, and sometimes a bachelor's degree), or
- ❖ Computer programmer, software developer, or various other IT careers which usually require a bachelor's degree (sometimes an associate degree on an exception basis)

Then you'll need to take a closer look at the qualities that are essential to those considering a career in IT – and valued by those who make IT hiring decisions. Lastly, be sure to learn the essential qualities for a successful career in IT, you learn how to assess where your career goals and interests fit, and determine what level of education you need for the IT roles that interest you most.

Dice job report



AS THE COUNTRY CONTINUES TO GRAPPLE WITH THE IMPACT OF COVID-19, THE THIRD QUARTER OF 2020 TELLS A STORY OF STABILIZATION IN TECHNOLOGY HIRING.

While overall tech job postings were down 7% for the quarter (in comparison to Q2), postings were virtually flat from August

to September. In a promising trend for the quarter overall, more than two-thirds of top employers increased job posting volumes. In addition, senior roles gained increased momentum in September, a possible indication that a larger number of mid-level postings may follow in the coming months. The data indicates that hiring trends continue to shift in favor of remote work, as well as a rise in postings for occupations related to cybersecurity, systems and architecture. In terms of tech unemployment, the industry remains at a rate of 3.5% – far below the national unemployment rate. Overall, the third quarter data suggests that many businesses are learning how to navigate and operate in an economy and landscape largely informed by the pandemic. While previous reports have focused on macro trends (i.e., year-over-year data), in this edition of the Dice Tech Job Report, we take a more granular look at the tech industry by comparing Q3 and Q2 of 2020.



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/>

Career Guide

Quick & to the point - Career Advice

Question: "What are the benefit of having a mentor, and where should I start? Thank you."

- Kristen McMichael

Answer:

Mentoring is important, not only because of the knowledge and skills students can learn from mentors, but also because mentoring provides professional socialization and personal support to facilitate success in graduate school and beyond.

Quality mentoring greatly enhances students' chances for success. You can seek out a mentor in your desired career role by joining a professional organization. A mentor can help coach you through doing what you need to do to properly make the switch to your dream career. A mentor can also help you network with the right people and set the right goals for yourself as you acquire skills and look for jobs. Best of luck!

A day in the life of a CCNA/CCNP/CCIE By John Praxis



I hold all three certifications, but a day in the life will depend on \$employer and \$role...in my case, employer is a well-known media company, role is Sr Network Engineer (hundreds of devices, tens-of-thousands of servers, many data centers, ridiculous amounts of traffic). I can work from home, but am generally expected to show up...while I am definitely "hands on", "programming routers" is a very small part of my day.

I usually get up at the crack of 9 and wander into the office around 10am...all alerts are handled by a NOC, so if something on the network broke while I was sleeping, then I got a call. I take point one week a month or so.



No calls today, so I catch up on email...attend a meeting or two, which usually involve planning future deployments (i.e. extending the network, turning up new services, etc.). Work through a ticketing queue (usually port assignments, IP address allocations, detective work on what seems like a performance issue, etc.). Check automated jobs and reports - any good network engineer has several automated processes that check logging and configs for inconsistencies, as well as usage reports (are any links or devices running hot? Did anyone add anything to the network that I'm not aware of? Any excessive traffic that might indicate shenanigans? etc.)

Generally, I'm doing one of three major things:

- ❖ build outs/migrations - generally we add capacity (more links, fatter pipes,

new peering sessions, new services going online, etc.) or move things around (i.e. traffic/services onto other links or devices so that we can do invasive work without anyone noticing) - either means progress is being made!

- ❖ educating people - developers and systems architects all build things that rely on the network in various ways, they need to understand how to do their job well, so I regularly meet with these people to discuss what is and isn't possible, along with the best ways (i.e. most efficient/secure) to do things.
- ❖ put out fires - most of the time, the network just works and everyone is happy...but shit happens. Routers die, switches stop obeying the laws and protocols that we all count on, links flap, fiber gets cut, a bug in the code makes itself known, the world starts throwing obscene amounts of packets at



you, etc. 90% of my knowledge and abilities are tested when this sort of thing happens.

Build outs are fun because you create something new or make something better...no one outside of the group usually notices, but those involved usually high five each other and you're the man for the week.

Educating people can be frustrating...networks are complicated, to understand them you generally need a quiet room with a focused audience and a lot of whiteboard space. Sometimes people don't get it...sometimes people WONT get it...sometimes you have to use lame metaphors involving pipes, highways, and series of tubes. Educating people is rewarding though, because in



the long run they design better working services that make the most out of the network (and more high fiving).

Putting out fires sucks. Network devices are pretty solid (they cost many thousands of \$, their OS doesn't tend to change, they do their job, they don't tend to reboot or get touched too often), so normally I love working with them. But a real nasty fire will result in downtime, lots of unhappy people and an extreme amount of pressure to just FUCKING FIX IT - there is no patience for excuses or blame or delays, and you're pretty spent after wards. The frequency of fires are a direct product of how well you design things (i.e. no single points of failure, scalable architecture) and how well you can educate people.

On a good day, I come in late, get all my work done in about an hour or two, take a huge awesome lunch which is paid for by some vendor, fuck around a bunch, leave early, go home and fuck the prom queen.

On a bad day, I come in late but completely tired from having been called to fix something at 2am, have more than 2 meetings, have to be the bad guy and push back on people wanting to do things that either wont work or will work poorly, eat at my desk because everyone needs something (all of whom claim highest priority), jump on a conference call because something is broken and nobody knows what or why, work until 7 or 8 doing the work that I would have normally done in an hour but was in meetings, go home to have dinner interrupted by another call from the NOC, take part in a late night deployment that doesn't go well and has to roll back, re-heat dinner, stay up until 2am arguing with people about what went wrong/how to fix, etc.

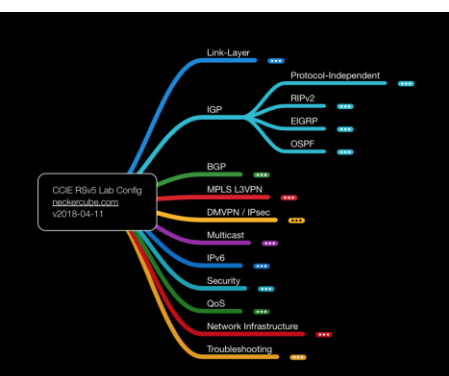
All in all, I absolutely love my job. If you are smart, dedicated, consistent, and can deal with infrequent high-stress situations, there is nothing better. We desperately need more good network engineers, as there is a glut of mediocre ones :)



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/>





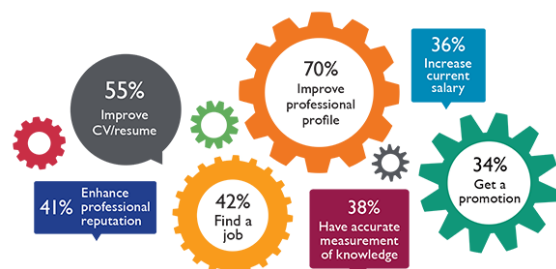
GIT thought provoking corner



"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do."

- Pele

Why pursue IT certification?



Top 10 benefits for getting an IT certification

Why should you earn an IT certification (or certifications)? What is the value of an IT certification to you and to your employer? An IT certification is a quick and readily recognized benchmark mapped to a specific skill set based on

standardized testing. A certification demonstrates your dedication, motivation and technical knowledge on a specific platform. Once you earn an IT certification, you join a select group of individuals - a peer group with demonstrated skills. Having a certification shows that you not only possess comprehensive knowledge of that technology but you also care enough about your own career to spend the time and money to get certified. Remember: You are your own best career manager!

1. Getting Hired

Having an IT certification will certainly give you an advantage when hiring managers look at your resume. Competition for IT jobs can be stiff, and having a certification is a significant advantage compared to those who do not have one. In fact, a certification can be a qualifier for a position. Keep in mind that when two otherwise equal candidates are vying for the same job, the one who has a certification will have the edge over the candidate that does not. A certification may do



nothing more than get your resume a second look - which may be more than your competition gets.

2. Job Retention

In a volatile economic environment, businesses are always looking for ways to cut costs. That may mean jobs are on the line. This is when having an IT certification (or more) can mean the difference between keeping your job and having a chance to seek a new one. Earning a certification demonstrates that you are determined to enhance your skill set and knowledge - which benefits you and your employer. The bottom line is you must invest in yourself.

3. Promotions

Want to move up the corporate ladder or into a better, higher-paying job in your company,



then you will need to learn new technologies or enhance the skills you currently possess. There is no better way to show this than to earn a new certification or progress further up the certification chain in a current area of expertise.

4. Networking Opportunities

Once you earn a certification with a specific vendor or manufacturer, then you join a unique group of certified and skilled professionals. This can prove to be an invaluable peer resource group when seeking answers to problems or sharing the solutions to your own challenging scenario. This peer group of certified professionals can also pass along guidance on how to further enhance your career or where to seek specific technical knowledge.

5. Professional Credibility

Earning a certification, especially a series of certifications from the same vendor, will provide immediate professional credibility. Who is going to question a Cisco Certified Internetwork Expert (CCIE), a Microsoft Certified

Solutions Expert (MCSE) or a Red Hat Certified Architect (RHCA)? Having earned one (or more) of these certifications demonstrates your dedication and motivation to professional development. Many companies will actively support their employees in earning these certifications that may even lead to promotions and raises as well.

6. Partner Programs

In some cases, companies may require that there be a certain number of certified individuals associated with their organization to maintain a current partner level (and more if they want to pursue a higher partner level). Most major manufacturers and many other vendors have this requirement. Earning a vendor's certification benefits you and your organization since it enables the company to meet the required number of certified associates on staff.

7. Certification Renewal and Retention

IT professionals may have a requirement by their respective

certification bodies to recertify every two to three years. For example, Cisco requires that you either take and pass a recertification exam or take the next higher certification exam every three years. Red Hat requires you to recertify every three years. Microsoft requires you to recertify every three years for an MCSE or two years for an MCSA. In this instance, a certification or recertification exam can benefit both you and your employer.

8. New and Current Technologies

Earning a certification on a recently released operating system, platform or application will demonstrate that you have achieved what few have done up to that point: become certified on a new product. Passing an exam for a recently released certification is challenging due to the lack of study material and advice available from other certified individuals. Earning an IT certification on a new product can make you the subject matter expert in your organization.



9. Personal Goal

You may have set a personal goal for yourself to earn a new certification, whether for professional recognition or personal achievement.

Certifications you earn this way may be the most satisfying, as you are rewarding yourself for your own efforts. If it happens to lead to a raise, promotion and recognition - so much the better. In many instances, these are also the hardest to earn because of the self-motivation and discipline required where there aren't any tangible rewards.

10. Professional or Corporate Requirement

One way to ensure that IT staff have the necessary skills and experience on existing and new technologies is through certifications and training. IT staff who have passed a certification exam or series of exams can be presumed to have the specific knowledge to be more productive members of the IT department and respond better to any incidents outside the normal environment. Companies that

invest in their staff through training and certification will have a more technically advanced work force able to respond to new challenges quicker.

Instructor-led IT training such as schools like GIT, especially training that leads to certification, usually includes some type of hands-on work. The benefit of this is that you get to learn, play and experiment with new technologies in a non-production environment. This will enable you to gain new knowledge more quickly that you can bring back to your work environment.



Global Information Technology - Coronavirus (COVID-19) Update

Are classes still running?

All classes are running virtual instructor-led classroom environment until the end of January 2021 (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.

Putting Your Well-being First

Important Coronavirus/COVID-19 Information

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 January 30, 2021. 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

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>.

