

JobPrep – April 2023

“The Voice of Technology Career Insight”



This just in: Detroit Ranked No. 1 emerging startup ecosystem

Startup Genome’s Global Startup Ecosystem Report recognizes Detroit as the top emerging startup ecosystem, further underscoring Michigan’s role as a high-tech hub in the Midwest

Detroit is the No. 1 emerging startup ecosystem globally, according to newly released rankings from Startup Genome’s Global Startup Ecosystem Report (GSER). The

GSER provides a comprehensive review of the startup world, with data from over three million companies across 280+ entrepreneurial innovation ecosystems.

Detroit’s top ranking marks a 13-spot jump from the previous year, solidifying the city’s growth in early-stage funding and investor activity, number of scale-ups and unicorns in the ecosystem, IP commercialization and ability to retain talent. According to the report, Detroit also ranked first in GSER’s list of Top 10 Ecosystems by Ecosystem Value at \$90.6 billion, outranking both national and global cities such

as Kuala Lumpur, Hong Kong, Jakarta and Minneapolis. “This latest ranking from Startup Genome highlights the tremendous growth for Detroit as a destination for startups and VC investment,” said Fred Molnar, Senior Vice President of Entrepreneurship and Innovation at MEDC. “As Michigan’s economy continues to thrive, we will continue to work on providing the most dynamic environment for startups across Michigan to find growth and success.”

Among GSER’s local key findings, Detroit scored 10/10 in Performance, measuring the size and performance of an ecosystem based on the accumulated tech startup value created from exits and funding; Market Reach, measuring scaleups and unicorns in the ecosystem, size of local reach, and IP commercialization; and Talent and Experience, measuring long-term trends over the most significant performance factors and the ability to generate and keep talent in the ecosystem. Detroit also scored 8/10 in Funding, measuring innovation through early-stage funding and investor’s activity.

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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: “I’m having a bit of trouble updating my resume. I have a lot of technical experience, but don’t know what else employers may be looking for. Any advice would be welcomed. Thank you.”

– Paul Howard, Jr. of Troy, MI

Answer: I have an easy answer here: Learn to articulate your skills. Peppering your resume with soft skills is another resume trend to pay attention to in 2023. According to a recent study, HR professionals cite a lack of soft skills as the leading cause of recruitment difficulty. In the study, which focused on the hiring of HR professionals, more than two-fifths of hiring managers and recruiters reported that applicants lacked the competencies and necessary soft skills for the role.

Other studies question whether this is a skills gap or the inability of jobseekers to communicate their skills effectively.

A LiveCareer study found that there exists a significant mismatch between the skills requirements listed in job postings and those listed in applicant resumes, with job ads containing an average of 21.8 resume skills, while resumes only list an average of 13 skills.

To remedy this, one of the most critical resume trends for 2023 is for jobseekers to study job ads carefully. Any job description worth its salt will contain all the information a jobseeker needs to land the role. By taking the time necessary to review job posts for the required skills and then adding those skills to your resume, jobseekers will enjoy increased success in 2023.

4 Smart reasons for choosing to study IT

When it's time to pursue a new career and education path, the world is your oyster. That said, having a lot of options doesn't always make an easy decision. At some point, you're going to have to narrow down which field you want to pursue—and that will require some careful consideration. Lucky for you, we're breaking down data and speaking to experts in the field to bring you the truth about studying IT

1. It's a growing career field

Most students are nervous about finding a job after graduation. While nothing is guaranteed when it comes to the job market, the employment in the IT field does appear to be on a strong trajectory. This job sector is projected to grow, with the Bureau of Labor Statistics (BLS) projecting that computer and IT occupations will grow by 11 percent from 2019 to 2029. That's a projected 531,200 new jobs! With the digital age constantly requiring new solutions for data storage, artificial intelligence, cybersecurity and more, it's no

surprise that IT workers are expected to be in high demand for the foreseeable future.

2. IT pros can work in nearly any industry

Not only is there growing demand for IT professionals, but they also have the luxury of being able to work in nearly any industry. Technology powers businesses of all types, meaning that there's a tech position waiting for you in fields as different as retail, finance, manufacturing and education. While that might not seem like a big deal at face value, this provides potential job security. Recessions and relatively rough economic stretches are a fact of life. Having a broadly applicable and desirable skill set is a huge asset during times of uncertainty. IT skills provide options, and it never hurts to have options.

3. Several IT careers have high earning potential

First things first: You don't want to choose a field of study based entirely on your potential salary. If IT careers have already captured your interest; however, it's certainly a bonus to know that there's plenty of earning potential there.

According to the BLS, median annual salaries for IT professions in 2020 ranged from \$55,510 for computer support specialists to \$126,830 for computer and information research scientists, with a percentage of high earners bringing home even more than that.¹ Your personal earning potential in an IT career will almost certainly vary due to a variety of factors, but you can be encouraged by the data showing that even the lowest IT earners are still taking home solid pay.

4. It's an innovative career field

The tech field is constantly growing and changing. It needs employees who are excited to be on the cutting edge of innovation as it continues to evolve. If you're easily bored with the status quo and constantly imagining ways things could be better or more efficient, you'd probably be a good fit for an IT career. “The innovations in IT happen before anything else,” says Phil Strazzulla, founder of SelectSoftwareReviews. would flounder.

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Meet StockX of Detroit

StockX is an ecommerce platform that specializes in street wear, particularly sneakers and accessories. With StockX, users can place anonymous bids on products by some of the world's most popular fashion brands. Founded in 2016, the company has 11 authentication centers and drop-off locations and reports an average of 30 million visitors to its site every month. StockX has its corporate headquarters in Detroit, with additional offices around the world. Job seekers may find opportunities in many functional areas, including business operations, communications, data, supply chain and authentication, product management and seller account management.

[View StockX open jobs](#)

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

Global Information Technology (Global IT) is approved by the Department of Veteran Affairs to receive Veterans benefits. We accept Chapter 33 Post 9/11 GI Bill®, Chapter 30 Montgomery GI Bill® for Active Duty, Ch 31 Vocational Rehabilitation and Employment (VR&E), Vet Tec, and VRRAP. Whether you are serving or have already served, Global Information Technology is here to work with you to start your IT career. These benefits may cover up to 100% of tuition and fees and housing allowance, courseware, 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 School Certified Officers (SCO) (career advisors) or complete the inquiry form at <https://www.global-itech.com/va-program/>.

Fun & Interesting Facts about Technology

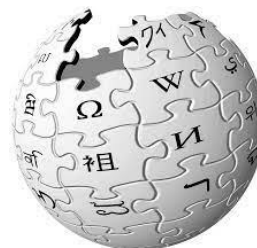
Did you know?

Wikipedia is run and maintained by thousands of humans and hundreds of bots

Everyone knows Wikipedia is powered by thousands of human contributors. On the other hand, most people don't realize hundreds of bots contribute to the effort, too.

ClueBot NG catches vandalism on Wikipedia pages almost in real time. A variety of other bots contribute standardized data to the online encyclopedia.

This combination of humans and bots ensures Wikipedia runs without any problems 24 hours per day, 7 days per week.



GIT thought Provoking corner



“Common sense would suggest that having ability, like being smart, inspires confidence. It does, but only while the going is easy. The deciding factor in life is how you handle setbacks and challenges. People with a growth mindset welcome setbacks with open arms.”

- Travis Bradberry

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A day in the life Software Engineer

Software engineers and developers work on computer applications and programs. These professionals identify problems by running extensive tests. They then correct the issues and build new programs. Now is a lucrative time to start a software engineering career.

The Bureau of Labor Statistics (BLS) projects a 25% growth for software developer positions from 2021-2031. This projected growth rate is much higher than the national average projection for all occupations. The BLS projects 162,900 annual openings for software developers, testers, and quality assurance analysts over the next decade.

The page explores a software engineer's typical day. We unpack the qualifications for computer science jobs and look at where software engineers work.

What Is a Software Engineer?

Software engineers create web applications, mobile apps, robots, operating systems, and network systems. They develop

software solutions that meet their companies' needs and expectations. Note that the terms “Software Engineer” and “Software Developer” are used interchangeably in the industry, but these positions' responsibilities vary slightly. Software engineers design software solutions, while software developers build those solutions to make them ready for consumers. Depending on the type of company they work for, software engineers will create original code for software and applications. They also build reusable code for future use.

A standard day for a software engineer involves a lot of coding. These professionals rarely spend their day sitting at a desk fixing technical issues. At any given moment, a software engineer is managing several software projects, developing new code, and collaborating with coworkers to solve problems.

Software engineers also spend time revising and rewriting other people's code as needed. Building prototypes for clients is another common task.

5 Benefits & uses for technology in the classroom

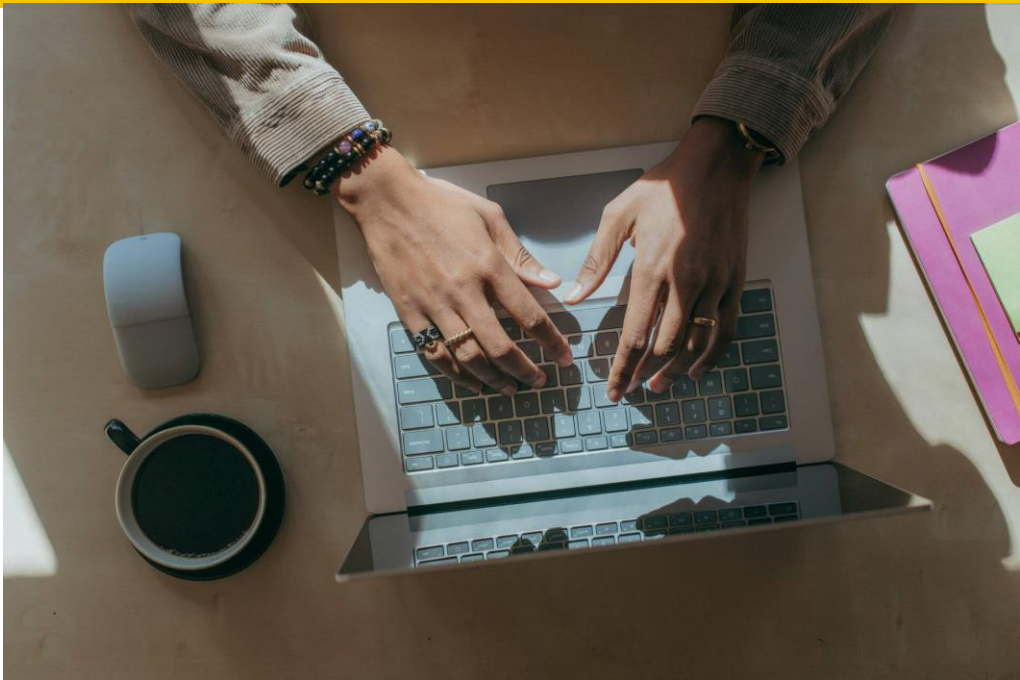
As the world changes, so do the methods we use to educate students. It’s no secret that technological developments have been coming at a rapid pace in the past few decades, and because of that, educational technology is changing.

Incorporating technology into the classroom can benefit and support learning and teaching practices. But what makes it so beneficial to the learning experience? How can instructors incorporate technology into their own curriculum?

Read on to learn more about the benefits of technology in the classroom and how it can be integrated in unique and effective ways!

Benefits of Technology in the Classroom

Why is technology important in the classroom? The advantages of technology continue to evolve, but here are a few of



the positive developments of technology in the classroom!

1. Provides A More Engaged Learning Environment

One significant benefit of integrating technology in course design is that it helps to create a more engaging learning environment for students. It’s hard to deny the impact that technology has had on the way we teach and learn.

Technology can help teachers to present subjects in more interactive and creative ways. With all the possibilities out there (and with more on the way with advancements like virtual reality) it’s an intriguing

time to be a teacher planning a course.

2. Prepares Students for the Future

Technology is everywhere, which is why it’s important that it plays a part in students’ current learning environment. Using technology when you teach will help students to become more familiar with common programs that they will use in their future careers. Teachers aim to prepare their students, and a great way to do that is with technology. Since it will play a large role in their lives moving forward, students need to be able to understand the basics. The use of



computers and the internet will be an integral part of their future professional and personal lives.

3. Connects Better with Students

One of the most important aspects to a teacher's and student's success is how well they can connect with each other. Teachers are always seeking ways to connect not only with their students but always with one another to build community in their courses.

Technology provides teachers with an opportunity to connect with their students in a new way. It allows you to open up

lines of communication and use the Internet to explain curriculum material in a new way, which can be very helpful to students.

Many students these days already gravitate towards the Internet, so by using these technologies in the classroom, you may increase opportunities to build community with your students.

4. Boosts Collaboration

An engaging learning environment requires a lot of collaboration. Technology is a great way to promote and facilitate discussion among students. They'll interact with each other through the

technology and discuss different ways they can collaborate and learn together. Some students are gifted with computers, meaning it won't be long until they learn some tricks of the trade and can help other students out with their assignments and tasks. This promotes a collaborative environment in the classroom, which in turn leads to a more connected community.

5. Supports Learning

Many students learn best when they have access to technology. To reach as many students as possible, it's crucial that technology be incorporated into the course design.

Technology can offer a variety of teaching and learning techniques that can help teachers convey the subject material to a larger audience (more on that in a bit). The hope of many teachers is to reach as many students as they can, and technology provides a great solution for them.