# Harsh Ramesh Anchan

**Writer | Editor**

## Let me Introduce Myself!

Hi there! Harsh here, As a Computer Engineering student, the drive for creative writing comes from my passion for literature and vocabulary. Literature has always fascinated me and I always had a keen interest in being creative and literature was something that resonated with me to express myself.

As I explored the depths of literature, I found Technical writing connecting the link between my passion and career choice. Through the links of it, I found content writing a way to express and utilize my vocabulary use to capitalize on my skills

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## Domains

- SEO Writing
- Technical Writing
- Editorial Writing
- Newsletters
- Blog Writing
- Copywriting

## Achievements

- Published 100+ articles on 3 websites
- Scored SEO ranking of 90 and above on each article
- Handled 2 websites' article publishing single-handedly

# What is Genetic Engineering? How does it serve Mankind?

Genetic Engineering! It is a study of the genetics of an organism and how to manipulate it and yield a desired result. We have learned about the basics of any life form and that is genes, the way they develop, the way they combine with other genes, and the way it affects the outcome of the entire organism. Engineering if we were to be able to define it in the most simple form can be referred to as applying the concepts of science and mathematics to solve or innovate various problems that are faced in the real world.
It has been used all around the world in various industries and manufacturing processes for many years. These are used for several reasons and have been studied since 1973 and were brought to light by two Biochemists Herbert Boyen and Stanley Cohen who influenced the DNA of one bacteria into another.
In this article, we will be learning about how it is performed and what various uses it has been used for these many years.

## Process of Genetic Modification

Genetic modification is a term that is also used for genetic engineering. The simplest way to illustrate the process of genetic modification the DNA of an organism is implanted into the genome of another organism to be able to yield better results. Genetic engineering through these various means affects the development of an organism.

### Types of Genetic Engineering

There are mainly 3 types of genetic engineering that are commonly taken into consideration.

- **Analytical Engineering**: As the name suggests, they suggest estimating or predicting the result of the genetic model by simulating through computers and experimenting with real life.

- **Chemical Genetic Engineering:** This mostly focuses on the mapping of the genes, processes such as identifying, separating, and classifying genes, and then collecting adequate information to attain usage of it in applied sciences. This identification in turn helps scientists to rule out and understand which genetic combination is responsible for various traits.

- **Applied Genetical Engineering:** The most practical characters carry out the manipulation through organisms' genetic engineering, modifying their phenotype to be able to execute the results that are desired.

## Various uses of Genetic engineering

Genetic Engineering has various uses in multiple fields and can revolutionize the medical field by creating so many innovative ways to counter medicinal practices and diagnoses. Some of the uses of genetic engineering in the fields of medicine include:

- Hybridomas
- Xenotransplantation
- Vaccinations
- Modeling Genetic diseases
- Recombinants of Protein production

Gene therapy holds a very key role in revolutionizing medical aids and can be used to treat genetic diseases via gene modification and editing.

Genetic engineering can yield greater results not just in the medical field but also in agricultural fields. By editing genes in plants, some can produce nutrients or better quality yield which under normal circumstances wouldn't be possible. Gene editing can also make plants endure more rough circumstances and provide us with the harvest without the ideal environment that the plant would normally require to grow.

Genetic engineering can also help modify the natural characteristics of plants making them either grow faster or produce more than they usually do and so much more. The possibilities of achievements in a field that is affiliated with genes are numerous.

**ALSO READ: WEARABLE TECHNOLOGIES THAT HAVE HELPED THE HEALTHCARE INDUSTRY**

## Disadvantages

However, even if we count everything in, there may be some disadvantages that are carried along with genetic engineering. Issues such as spreading invasive species through genetic modification can be very risky factors. Genetic engineering can solve a lot of health-related issues which means that we would have a healthier population and hence, result in an uncontrollable growth of population which can very obviously create problems in the future or add to the problems that are already being faced today of which are unemployment, economic disparity, better medical services to tackle diseases and provide a huge amount of produces.

The risk of allergies is also a huge risk factor that cannot be neglected as gene editing would require genes to be transferred from one organism to another and can jeopardize an entire species all at once. Hence, dealing with genetics needs to be very carefully attained.

## Conclusion

With technology, we as humans are racing forward to the knowledge that can no longer be denied to us and it is indeed fascinating how much more can be achieved through genetic engineering. Genetic Engineering technologies have taken human advancements to a greater level and have proved how we can process modifications between genes to be able to achieve a product that at one point in human life seemed unattainable. With moving forward there are possibilities that we think are unattainable as of now to be achieved in the future.

Written By: Harsh Anchan

# Why Do People Prefer Freelancing over 9-5?


In recent years, Freelancing has introduced people to a great option to be able to earn with fewer resources and with their skills. It has given the traditional mindset of being able to perceive everything and learn various things to be at a place where you can feel successful as it typically continues to make people have their skill sets and whatever they are passionate about shine through. However, not everything about freelancing is a Utopia, as one might believe, everything is a double-edged sword and so is freelancing.

People have been shying away from 9-5 jobs in recent times, especially after the pandemic has jump-started the idea of WFH (work from home), for some, it might be efficient to work from home, for others, it just might be not. And the work-from-home concept was the culprit in boosting freelancing.

The concept of 9-5 as well as freelancing are great and most prominently essential for anyone in the starting sectors of their career. And as the entire debate can be quite diplomatic let's get straight to the points as to why people choose to freelance over 9-5, and why some of us should be very careful as to taking such a huge risk factor.

## What is the reason behind the rapid growth of Freelancing?

9-5 jobs technically do add on to a lot of workloads which in turn creates a very stressful environment when one is supposed to be working. Constant deadlines, presentations, meetings, and various other factors create a non-fun environment as most of the employees would have little to leniency.

Freelancing does have its benefits in this domain where you do have a certain deadline to meet up with the project, however, it doesn't matter what hour of the day you decide to work as long as the work has been done as per the requirement. And as much as it should be discouraged, making employees work overtime to constantly make slightly more income which can lead to an entire spiral as humans, we are driven by capital and would be tempted. Hence, the concept of 9-5 is something people shy upon from.

It can be countered with proper scheduling to maintain efficiency at its finest with concentrating panels to avoid inefficiency but also can be balanced out by giving frequent short breaks so people can socialize as well refresh themselves.

The concept of overtime needs to be discouraged so that people can have a social life outside their work environment and any contacts after office hours need to be cut down without any consequences unless it's a matter of urgency. Such small yet big changes can change people's mindset regarding 9-5 jobs.

Also Read: What is ChatGPT?

## Why is Freelancing a double-edged sword?

As much as it's glorified, it has its cons and quite probably very obvious ones. 9-5 jobs do provide a sense of stability, while freelancing is just you working with an organization for a certain amount of projects and they are not obligated to keep you any longer unless you perform exceptionally great and they might just hire you.
But those are rare cases and getting jobs or projects while freelancing is indeed very tough unless you manage to make some contacts and can directly navigate through the crowd and give yourself an express pass. It has no sense of stability whatsoever, and while we discuss this of course, neither does 9-5 technically if you look at various aspects as to why one might be not able to perform on the job.
While freelancing is great and doesn't make you work for hours on end it can however be very deceiving. If the above suggestions are to be taken by organizations (which many of them are) and very well more than just the ones observed above depending on the organization themselves, 9-5 can prove to be better than freelancing as it has stability in more than one aspect.

## Conclusion

Hope this article made you understand why the trend of freelancing has been taking off, and as much as it was sort of degraded here, freelancing for people who have the skillsets and requirements can excel in it very well and form a career or can save up enough to even start their own companies. Freelancing especially has been very gracious to people in the IT sector or programmers/developers. Any one who has been associated with computerized knowledge has great advantages while freelancing. Let us know what you think about this and hope this article was informational.

Written By: Harsh Anchan

# The Downfalls Of Musk's Twitter

Twitter has been a huge social media platform since its release in March 2006. Jack Dorsey, Noah Glass, Biz Stone, and Evan Williams created the social media site. The first tweet ever put out was "Just setting up my Twttr" by Jack Dorsey. It was later released for the mass in July of the same year. By 2012 Twitter had over 100 million users across the globe and regular users used to tweet almost 3-4 times a day, making around 340 million tweets a day. Twitter has been a voice for many people, especially considering how it connected people.

Recently, Twitter was bought by the World's Richest man a.k.a Elon Musk. Before this, he was considered the largest stakeholder in the company with a total of 9.1% of shares. The talk of Elon purchasing Twitter started in April of 2022. After a whole 6 months, Musk finally gained power in the social media app on October 27th, 2022. Since then, the company has not been on the incredible trajectory people thought of. Musk also came out with the scheme of charging USD 8 per month for the verification symbol "The Blue Tick", which previously was free of cost and helped people differentiate accounts from parody accounts. The addition of various restrictions out of which was that verified users wouldn't be able to change their usernames started the snowball effect of the downfall.

Several opinions flooded in when the news of Elon possessing Twitter chimed in. Some were positive and others were, well not necessarily positive. Speaking of views, Musk's entire goal was to give people the freedom of speech that they deserved. It did happen but not necessarily in a good way. The use of racial slurs has been above and beyond on the app and the ever-flowing veins of hate that Twitter carries just got even worse. Let's look at some of the adverse effects that have taken place ever since the SpaceX founder took over and initiated the downfall of Musk's Twitter.

**Also Read: How To Download GIF Images From Twitter Tweets**

## Mass Firing

Since October, an insane amount of workers have been laid off. Some employees were engineers and machine learning employees, while there were also people from content moderation, sales, marketing department as well as advertising departments. These were the people who knew about the extensive privacy policies of Twitter, the people who knew how everything worked in each of their respective departments. It has also been reported that Musk fired employees who criticized him in private slacks or publically. One worker reported that he didn't even get any formal notice of termination, he learned about the termination publically as Musk tweeted in a now-deleted tweet "he's fired". He had been under some heat for instructing Elon on some issues and as he criticized the issue via a public tweet, he was fired.

Ever since the mass layoffs, it was reported that around 75% of the employees working under Twitter have resigned. Because of the disrespect that Twitter employees were facing for the site that they had worked hard for, they couldn't tolerate it anymore and hence decided to respectfully leave rather than be disrespectfully fired in an ill-treating way. Today (18th November 2022), #GoodbyeTwitter is trending around the globe alongside #RIPTwitter and #TwitterOFF.

Twitter had created a huge community that was woven strongly by the users. It connected so many people and gave great lift-offs to some amazing people. The sub-communities of Twitter had also blown up insanely (which Musk has confirmed to cut ties with) which in turn helped Twitter blow up as well. From connecting fans to their idols to connecting people to create revolutions. Twitter was one of the most prominent apps during the initial stages of the global pandemic. It helped people stay in touch and allowed people to reach out to the needy. Due to the unity created by Twitter, the world has changed and evolved into a place where everyone has a right to show their expressions and emotions. It helped so many people fight for the right cause and protest against the injustice of society.

## Now What? The downfall of Musk's Twitter

Well, It is still improbable for Twitter to just die. Although the number of users will reduce, it may still survive through the pennies and may even rise again. But if the worst case scenario does happen, which is the ex-employees of Twitter reunite with each other to create a substitute for the social media site (of which rumors are already spreading), it wouldn't be surprising if users tend to it rather than Twitter.

Has Musk officially destroyed the 16-year-long legacy of Twitter? Let us know your thoughts and opinions down below.

# The Integration of Blockchain and AI

Blockchain has been on and around the news for a long time now. Although the concept of it has been used quite recently, it would be hard to believe that blockchain has been around for around a decade now. Tracing its initial technology in 2008, it is commonly used around cryptocurrencies such as Bitcoin.

Blockchain if it were to be defined in simpler terms would be a decentralized system of trade of intangible assets. It is more secure and works with a network that connects various computers altogether. It can be very well explained as an example of a read-only-document, the data is quite public about all transactions and events yet, it cannot be corrupted or hacked by most means.

Artificial Intelligence on the other hand can be defined as a powerhouse in today's world. A piece of software that is trained with numerous sources of knowledge that are fed by humans to imitate humans most accurately for performing a task or a solution to any of the issues that have been raised. AI can work on speaking terms as well as read-only terms as it can generate texts on given prompts and practically form an entire essay by collecting knowledge from various sources, or through the sources that have already been used to train it.

These two technologies have been revolutionizing business tactics for a long time now. But what if we integrate these technologies? A powerhouse of its own can be formed if we think about it. While AI can suggest certain moves and analyses, blockchain can be used to perform certain transactions. AI plays an important role when it comes to the metaverse. And as we progress toward this new concept of the meta world, we need to make advanced steps towards it. In this article, let's learn of the integration of artificial intelligence and blockchain and see the ultimate powerhouse of a business tactic that they create.

## Improved business models and Data Analysis

Through the technology of blockchain, businesses can move forward from traditional ways and can advance to better available options and can better-calculated moves through which you can analyze your business better and find solutions to the previously impossible-to-solve tasks.

## Intelligent Predictive Analysis

Through AI data analysis has been made easy and can be helped to predict business trends and which horizon to tilt toward for enhancement. The moves of the business organizer depend a lot on when it comes to a flourishing business. One wrong move and the entire business can come crashing down. By analyzing data through AI, moves can be easier to take and hence, help you in moving your business forward.

## Smarter Finance

Finance plays a key role in any business. But here's the thing, most of these businesses would be trading with intangible forms of currency which can either be very smart or if you play your cards wrong, that same move can cost you a lifetime. Since blockchain is decentralized, it is indeed a great form to be not dependent on the government.

Although we have been advancing towards the metaverse, the government is not happy about it and can impose certain actions that might just make us question our decisions. This feature needs to be utilized with utmost care.

## Traceable and Trackable

Through blockchain technology, every single shareholder or stakeholder of the company is traceable and trackable which can result in lesser fraud. Blockchain in these means acts as an authority certificate which is important to both the shareholder and the owner of the business organization.

### Memory Bank

Through blockchain technology with the integration of AI models, these can act pretty much as a memory bank that keeps logs of all transactions and every shareholder that the company has ever had. With these logs, it can act as a single open-source of truth that is indeed truthful and in one place, which cannot be manipulated or changed by any means.

Also Read: What programming languages should you learn?

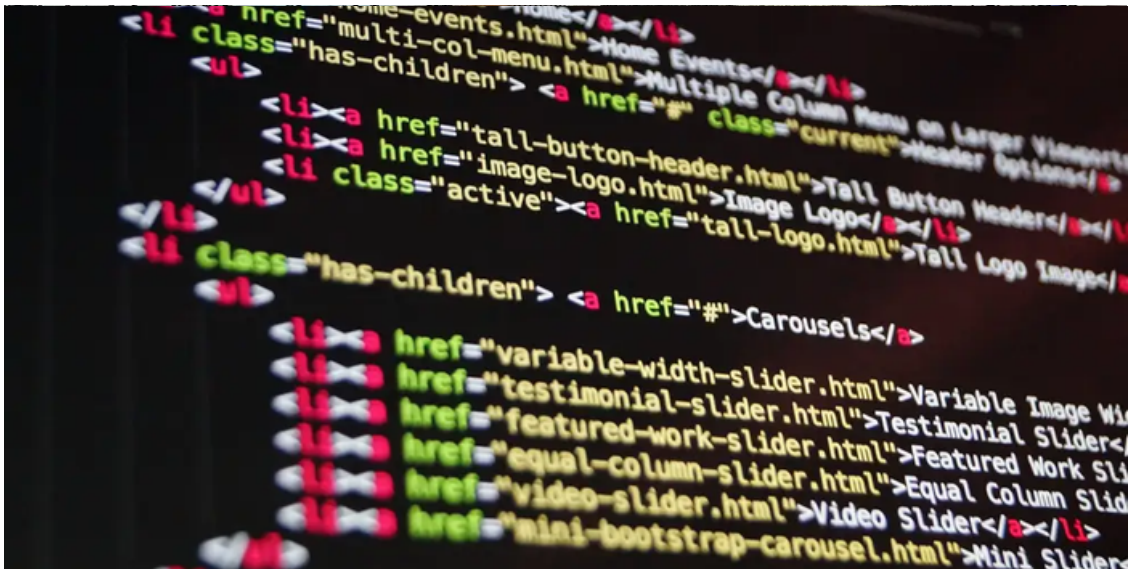
### Security

Not to mention, the amount of security and privacy blockchain technology can provide, it is safe to say that every single stakeholder or even the business itself is very secure from any sort of intruders is it in the system or even the server.

## Conclusion

With that, we conclude our article about how AI and blockchain when used together can form an ultimate business move and enhance even those parts of your business that have their own set of troubles that were near to just failing. Hopefully, more businesses tend towards technology to attain success as well as sustenance and work towards a better environment in every means.

# Top 5 Programming Languages to Learn




Programming languages are used widely in today's world. It can simply be defined as a set of instructions in the form of code blocks to perform various tasks. Programming is commonly used for creating software, applications, and various other assets to perform various tasks that have been instructed to perform. Very obviously, just like other things, there are various codes for various purposes. There are various courses and applications and several YouTube channels and videos that can teach you programming, coding and even developing websites with the most unique and attractive designs and layouts.

However, somewhere along all these advancements, there have been way too many programming languages to learn and with various uses as well. There are of course the basic languages, then object-oriented, specific to certain operating systems, and then the intermediate to expert ones. Classifying each of its uses can help you determine as to know which programming language should be used for your convenience and requirements.

## C Language

C language is one of the oldest programming languages to exist. It is considered the base most of programming languages as the logic and syntax that is used for most codes in other coding languages are pretty common. C language is used for a variety of uses such as creating computer applications, embedded software, simulators, test code, and various verification software that are being used. It can be considered a low-level programming language and as mentioned is very versatile and has a ton of applications to it.

## Python

Python is a very popular programming language. It is object-oriented and is considered a high-level programming language. It is a very highly demanded programming language and is one of the most required qualifications in IT sectors. Python can also be used for a variety of uses such as game development, full-stack development, web development, data analysis and so much more. Python is so popular that some of the most renowned companies such as Google, NASA, IBM, and even Intel have been using it. This makes the language a must-learn for programmers and developers to learn as it is indeed a great investment.

## JavaScript

JavaScript is yet another programming language that is also object-oriented and has been used for a variety of uses. It is extremely user-friendly and easy to learn in comparison. Syntaxes are easy, direct, and easy to understand. JavaScript is being used for a variety of uses such as dynamically constantly updating or optimizing content, animating images, controlling multimedia, and using for web applications as well as mobile applications. It also supports blockchain technology making it the programming language of the future.

## Go Language

A statically typed, high-level language that was designed by Robert who was from Google. It is considered very similar in terms of syntax declaration and code block typing to the C language which makes it easier to learn as the base of all languages is already taught normally before any high-level programming. Go language is used for cloud and networking services mostly with other uses involving as common for all other languages which designing applications for multiple operating software. It has also been commonly used for replacing old infrastructure and Media platforms handling.

## C#

Although the names might be similar which could trick you into thinking that these are similar, C# is nothing like C except for syntax similarities. It can very vaguely be called a superset of C. It is a programming language that is developed by Microsoft on the .NET Framework. C# has been used for a variety of the same uses as the other programming languages that are mentioned in the list above. Unity game engine has been exclusively known to use C# to create their applications.

## Conclusion

With that, we conclude our list of the programming languages that you should be earning to be relevant in the IT industry. It has been growing very rapidly and the people surrounding the sector need to constantly update themselves with the programming languages. The one advantage that everyone has is that even if they know either two of these languages, any upcoming programming languages that are yet to come would be very easy to learn as they would in one way or another be a subset of the languages that are mentioned above.

Hopefully, this article does clear out some of the uses that programming languages provide while designing, coding, programming, or developing. There might be even other languages that can be learned and used according to one’s personal needs, so do search for your purpose and learn accordingly.

# Gratitude

And with that, I conclude my work. I am still a learner and would love to adapt to things that are currently being used and how I can improve my work as well as open to learning new skills that would improve my efficiency and my quality of work. I prefer to write articles mostly in a more human-interactive form rather than just feeding information, although that wouldn't be an issue if an article were required with a concise, clear, and informative substance. With my versatile writing skills, I believe I can create content that is witty, fun as well as informational, and educational. I assure you that the articles that have been provided above have been all written by me and thank you for reading along so far. :)