***12.10.2021***

***Robots in the future: advantages and disadvantages***

The era of robots is approaching. It’s the result of scientific-technical progress. These mechanical agents were created to help people with hazardous work and daily chores. The majority of people think that robots it is the best solution, but they have their skeletons in the closet.

Firstly, robots are capable of doing many things. They can do any operations according to the program installed in them. For example, they can answer the phone, do the dangerous work (to deal with radioactive substances, to work at the high places, to work as robot police.). They are already sent to explore other planets or to explore deep underwater.

Secondly, robots probably were made for making life easier for people. With the development of technology, perhaps, every house will have at least one robot to provide help with a repetitive, boring work. For example, robot nanny, robot cleaner and others types of robots.

Thirdly, I can say that robots not totally will have only advantages. with the introduction of robots into our lives, people can become lazy and become obese. Perhaps the plot from the cartoon “WALL-E” can be repeated. There is a posibility that a failure occurs in the robot system. Hence, robots can start a rebellion against humanity, taking revenge for being people's slaves for many years. Perhaps the plot from the film “I, Robot” can be repeated.

In conclusion I’d like to say that over time, robots will play a huge role in future people's lives, but we should be careful with this. Excessive introduction of robots into our lives can be fatal. In my opinion, humanity should not become dependent on robots, because one day it can happen that people unaccustomed to work and lacking sufficient skills will disappear if robots disappear too.

14.10.2021

***The Liquefaction of Hardware***

Imagine a personal computer that has two souls: One moment it is your work machine, then it becomes an entertainment centre.

Thanks to a process called “virtualisation”, such computers are now being created, and if this process continues , it will change computer radicaly.

To make better use of the virtualization they were sometimes split into smaller “virtual machines”

Today “virtual disks ” began to gain popularity, because thank to them even large files can take only seconds to upload if they already exist somewhere on one these firms’s disks.

The virtualization of PCs is now under way, many organizations begin to work with virtualized PCs.

In the long run, smartphones and other mobile devices may also become shells to be filled as needed.

There is certainly no lack of demand in virtualization, because it lowers costs by enabling firms to make better use of their servers and buy fewer new ones.

The virtualization of servers is well understood, but for PCs and mobile devices the technique has yet to mature.

Still, analysts believe virtualization will win out.

Moreover, virtualisation makes it much easier to add new servers or storage devices.

A “bring your own computer” or “BYOC” movement has already emerged in America. Companies pay their employees a stipend, which they can use to buy any PC they want — even an Apple Mac.

At the same time more and more “digital natives” enter the workforce. They have grown up with the freewheeling Internet and do not suffer boring black corporate laptops gladly. Giving workers more freedom while helping firms keep control may prove to be the biggest benefit of virtualization

19.10.2021

Discussion:

**One of the primary goals of virtualization is making the most efficient use of available system resources which contributes to green computing.**

Virtualization in the future will become more important in our lives. People will use this process everywhere. This process will help every people to work more efficiently and this work will be greener.

Thirstly With fewer servers, your IT teams will be able to spend less time maintaining the physical hardware and IT infrastructure. Less time dedicated to maintaining the environment increases your team’s efficiency and productivity.

Secondly, When you are able to cut down on the number of physical servers you’re using, it’ll lead to a reduction in the amount of power being consumed.

This has two green benefits: It reduces expenses for the business, and that money can be reinvested elsewhere. It reduces the carbon footprint of the data center.

28.10.2021

profession of the future

As the world develops, the demand for professional activities changes. Many professions are dying out or losing their relevance and they are being replaced by new ones based on progressive methods and digital technologies. So what professions will be in demand in the future? I’l write about three professions what probably will be in demand in the future.

First of them is the Bioengineer. A specialist which use the principles of biology and medicine to change the properties of living organism. They can solve acute medical problems and carry out health care tasks. For example, they may be able to solve the problem of AIDS disease.

Second profession of future is the robotics specialist. This is the most in demand profession of the future that is on everyones minds at the moment. It includes the development of robots and the automation of techincal system.

Third of them is the Specialist in alternative energy. The day is coming when oil and gas will either be all used up or will lose its relevance as a fuel. More and more countries are giving preference to ecological and infinity energy sources - which is why solar and wind energy specialists are among the top professions of the future.

In conclusion I’d like to say all professions are important but the demand of them depends on time which we live. World develops and professions develops also. All what we need to do it is to do what we love.

11.11.2021

Nowadays almost everyone is already using fingerprint scanner. Fingerprint scanner one of the most reliable security systems but is not completely defend your pesonal data. Fingerprint scanner have two disanvantages that i know.

First of them is that An optical scanner can be fooled by showing a picture of a finger instead of a real finger. Capacitance scanners can also be fooled by swiping a mould of a finger by including ridges and valleys. If it is some serious business, a thief could also cut-off the person’s finger and swipe it on the scanner.

Second of them is that, If you have misplaced your credit card you can easily get a new one. But, if someone has moulded a same fingerprint as yours, there is no way to replace it.

**-Why do you want a career in cybersecurity?**

-I’m interested in an entry-level job. And I have the certification of Certified Ethical Hacker.

#### -What aspect of cybersecurity interests you?

#### -I’m more interested in a hands-on penetration tester path

#### -What qualities do you possess that will make you an effective cybersecurity pro?

#### -I’ve been a hacker much longer and have worked on tougher challenges.

18.11.2021

Technology has undoubtedly brought about revolution in communication. Most people would agree that this has been a positive development. Recently, however, there has been concern over the negative effect that modern methods of communication are having on the English language.

1) first of all, the increasing use of e-mails and text messages is changing the way we use grammar.

2) secondly that certain words are dropped in order to keep messages short. *In my view,* this cannot be avoided. In a text message, 3) for instance there is neither the time nor the space to write complete sentences. The same applies to e-mails, which are supposed to be a shorter, more direct form of communication. In both cases, the need to be brief often means that the grammar is changed in some way.

4) by this I mean , it is fashionable nowadays to shorten the spelling of words, 5) particularly in text messages. One example of this is when people write 'CU later' instead of 'See you later'. To purists or to people who are not used to such abbreviations, this might be seen as a threat to the language. *To my mind,* it simply shows that the language is changing in much the same way as it has done for centuries.

6) finally , *in my opinion,* writing English correctly is not so important as getting the message across. If, for example, you send someone an e-mail or a text message telling them to meet you in a specified place at a certain time, making yourself understood is much more important than your grammar and spelling. *As far as I am concerned,* we should allow a certain amount of flexibility. Not everyone has a perfect command of the language but that should not stop them from being able to communicate.

7) to sum up, the effect that e-mails and text messages are having on written English is a significant one. This may, in the future, result in major changes to the language. However, we should not let rules get in the way of communication. After all, isn't that the reason language was developed in the first place - so that we could communicate?

**Ex. 8 Write an article with the title mentioned in ex. 6 (“Are e-mails and text messages destroying the language?”)**

Some people say that text messages, twittering and emails are an accepted part of the language we use in our everyday lives. Other say that they are destroying our ability to spell and write properly In a relatively short period of tome high-tech gadgets have become integral part of our lives. Some people say they are an accepted part of our lives, other disagree. In order to have principled opinion, we need to examine both points of view.

Firstly, speed is the number one advantage of these ways of communicating. Wheter you are sending your message to next street or to the other side of the planet it takes only seconds to reach its destination. Secondly, life is much simpler with it. People can save messages they received, sent or just make drafts and allways have insight into them. Finaly, it is cheap or even free.

Instead of buying all those stamps people can send their messages or photos for free which is important in todays crisis. On the other side, it is impersonal. Peole are not talking face to face. Thus, there are many wrong interpretations of what is written or read. Besides, many people lose touch with reality because they spend more time in cyber space than with real people socializing.

On top of that, research made on Bristol University had shown that people who spend more time on social networks than one reading or doing other activities make forty percent more spelling mistakes while writting. To conclude, twittering and email have many benefits such as quickly delivering important messages or news. However, we have to be careful and think about internet security and what we write about. In my opinion, people should use these ways of communicating but we also have to "dose its use" because life is all about balance.

13.12.2021

A Tesla is an electric car. Just about everybody knows that.

But it is less widely known that the car was named for Nikola Tesla, an electrical engineer who was once renowned as the prototype of a genius inventor.

While Tesla’s star began to fade long ago, Elon Musk, who named his car and his company after him, has contributed to a Nikola Tesla revival.

In the age of Edison, Marconi and Morgan, Tesla was a giant of innovation because of his contributions in the fields of electricity, radio and robotics.

“It’s a sociological fact that Elon Musk took the Tesla name and launched Nikola Tesla into the stratosphere,” says Marc Seifer, author of “Wizard: The Life and Times of Nikola Tesla.” “Tesla’s risen to the surface again, and now he’s getting his due.”

Tesla was on the cover of Time magazine in 1931, but died a poor man in 1943 after years devoted to projects that did not receive adequate financing. Yet his most significant inventions resonate today.