

IMPORTANCE OF ENGLISH IN IT

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Анотація

Ця наукова теза розглядає важливість англійської мови в інформаційних технологіях (IT). Розглядаються різноманітні аспекти, що стосуються впливу англійської мови на успішну кар'єру в IT-сфері, зокрема, комунікаційні навички, доступ до ресурсів та інформації, розробку програмного забезпечення, участь у міжнародних проектах та співробітництві з колегами з усього світу. Аналізуються інструменти та ресурси, що допомагають у вивченні англійської мови для IT-спеціалістів. Результати цієї роботи відзначають важливість володіння англійською мовою як ключового фактору успіху в сучасній глобальній IT-індустрії.

Ключові слова: інформаційні технології, англійська мова, комунікаційні навички, програмне забезпечення, міжнародні проекти, глобальна індустрія, кар'єрний розвиток, вивчення мови, IT-спеціалісти.

Abstract

This research thesis examines the importance of English in information technology (IT). Various aspects related to the impact of the English language on a successful IT career are considered, including communication skills, access to resources and information, software development, participation in international projects and collaboration with colleagues from around the world. Tools and resources that help in learning English for IT professionals are analyzed. The results of this work highlight the importance of English as a key success factor in today's global IT industry.

Keywords: information technology, English, communication skills, software, international projects, global industry, career development, language learning, IT professionals.

Introduction

In today's rapidly changing world of information technology (IT), English language proficiency is defined as a key prerequisite for success. English plays a key role in facilitating communication, collaboration and access to resources in the IT industry. This research thesis explores the critical importance of English proficiency in IT, looking at the various aspects where English proficiency contributes to professional growth and innovation. From effective communication skills to participating in international projects, from software development to global collaboration, the importance of knowing English is even in personal learning, as most important resources are written in English, so it permeates all aspects of the IT field. This introductory part sets the stage for a comprehensive analysis of how English language proficiency is a catalyst for success in the dynamic and interconnected world of information technology. Also, some tips for improving your English will be discussed here.

Research results

First, let us consider and explore some resources where a huge amount of documentation is stored. This documentation describes all the rules for writing code. Such resources are useful only for programmers, for ordinary people it is absolutely not important. The first such resource will be "MDN Web Docs", which covers everything related to web development [1]. And here is the clearly expressed first reason why it is worth learning English. All documentation on this resource is written in English. Of course, you can find similar sites, but in Ukrainian. However, such a site will contain much less information and will not fully reveal the topic.

There is also another resource that contains similar documentation. But at the same time, on this resource, programmers can publish their developments, some dictionaries that they have created independently. You can

also post your resume and portfolio here, so some employers may be interested in you and offer you a job. This resource is called GitHub [2]. And it is not at all surprising that this site also supports the English language.

The next rather important reason is your development environment. A programming language development environment is a program that allows programmers to write, test, and debug code. It is worth noting that all development environments have functionality only in English. Therefore, in order to elementary write a simple program, you need to know how to correctly create a page on which you can work. Next, the two most popular integrated development environments: Visual Studio Code and IntelliJ IDEA [3]. Visual Studio Code is one of the most popular and widely used development environments today. It is a free integrated development environment that supports many programming languages, including JavaScript, TypeScript, Python, and many others. IntelliJ IDEA is another very popular development environment, especially for Java development. It supports many programming languages including Java, Kotlin, Groovy, Scala. Having analyzed these two platforms for writing code, we can conclude that they both support functionality only in English.

Another reason for the importance of knowing English in IT. Imagine the situation that you finally got your dream job in the best company in your country. But there is one problem. The company cooperates only with foreign customers and it is necessary to somehow find a common language with them. English is an international language, so in such a position you are definitely expected to know it.

There can be many such reasons. Next, we will explore some tips for quickly learning English [4].

1. Learn English every day.

A quick study of the English language is impossible without daily work and repetition of the material studied. Consistency is the key to success. Attending courses two or three times a week provides a great foundation to learn English quickly, and a personal tutor will be able to pay more attention to grammar and point out your mistakes. But all this is not enough to quickly learn English. 90% of the work depends on your own daily study. Remember, practice makes perfect.

2. Set a realistic goal and create a study plan.

Maybe today your English level is A2. Ideally! And suppose you would like to raise your level to C1 in 7-9 months. This is a real goal, and it has a deadline. Remember: the goal should be achievable, but at the same time ambitious. If you set yourself an unattainable goal, you will soon give up all your studies, but if the goal is too easy, you will not see progress in learning English quickly, and it will not motivate you to continue studying.

3. Use effective study methods to learn English quickly.

Here is one such method, which is called the Dragunkin Method [4].

For many, this method is simple and easy to understand. The author declares that English is "not simple, but very simple." The author invented schemes that help to understand grammar, tenses and articles. The main advantage of this method for Ukrainian-speaking people is that Oleksandr Dragunkin makes an association between Ukrainian words when learning English. That is, the student will be able to make analogies with his native language, which greatly simplifies and speeds up learning. Oleksandr Dragunkin distinguished two groups of words: changeable and unchangeable. Moreover, the author included 27 words in the group of constants, based on which he builds sentences in the future. The first stage of this technique is to build sentences using these 27 words, which helps the student avoid complexities and understand the structure of the language. The method provides an excellent basis for further learning the language and expanding one's vocabulary. After all, the method provides a system on the basis of which you can quickly learn the English language.

4. To accelerate the learning of the English language, you need to read a lot.

At first glance, this advice may seem trivial, but it is the main aspect.

Reading will not only help you to expand your vocabulary and quickly learn English, understand slang and develop visual memory, but it will also speed up learning English many times.

5. Travel to English-speaking countries to communicate with native speakers.

When traveling, you not only combine the pleasant with the useful, but also completely immerse yourself in the language environment. It will help you learn English and get to know a new culture.

After all, when we travel, we communicate, and in such conditions, learning a language begins with its practical application. And getting out of the comfort zone can be a driving force and motivation for learning a language in the future for many.

Conclusion

In conclusion, proficiency in English is paramount for success in the field of programming and IT for several reasons. Firstly, essential documentation and resources such as MDN Web Docs and GitHub primarily utilize English, offering comprehensive information and opportunities for professional growth. Moreover, popular integrated development environments like Visual Studio Code and IntelliJ IDEA operate exclusively in English, emphasizing the necessity of English proficiency for coding tasks. Additionally, in a globalized job market, English fluency facilitates effective communication with international clients and employers, opening doors to prestigious opportunities. Strategies for expedited English language acquisition, such as consistent daily practice, setting realistic goals, employing effective learning methods like the Dragunkin Method, extensive reading, and immersion experiences in English-speaking countries, are recommended for aspiring programmers and IT professionals seeking to enhance their language skills swiftly. Overall, mastering English is not only advantageous but essential for excelling in the competitive and dynamic landscape of programming and IT.

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